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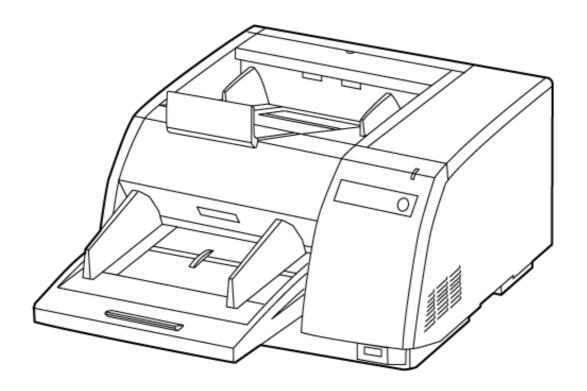
Order Number KM70410959C0

Category Number H19

Service Manual

High Speed Color Scanner

 KV-S3065CLSERIES KV-S3065CWSERIES



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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 GENERAL PRECAUTIONS

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1.1 Safety Precautions

1.2 Electrical Tests

1.3 For Service Technicians

1.4 About Lead Free Solder (PbF: Pb free)

1.4.1 Suggested Pb free solder

1.1 Safety Precautions

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- 1. Before servicing, unplug the power cord to prevent electrical shock hazard.
- 2. When replacing parts, user only manufacture s recommended components for safety.
- 3. Check the condition of power cord. Replace if wear or damage is evident.
- 4. After servicing, be sure to restore the lead dress, insulation barriers, insulation papers, shields, etc.
- 5. Before returning the serviced equipment to the customer, perform the following electrical tests to prevent shock hazard.

1.2 Electrical Tests

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- 1. Unplug the power cord and check for continuity between the earth ground connection on the plug and the metal cabinet. There should be zero ohm resistance found.
- 2. With the unit unplugged, short the AC Live-Neutral of the plug with a jumper wire.
- 3. Turn ON the power switch.
- 4. Measure the resistance value with an ohmmeter between the jumpered AC plug and each exposed metal cabinet part, such as screwheads, etc.

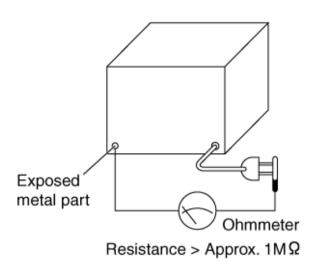
Note

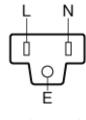
Some exposed parts may be isolated from the chassis by design. They read infinity.

5. If the measurement is less than 1 M Ω , a possibility for electric shock may exit.

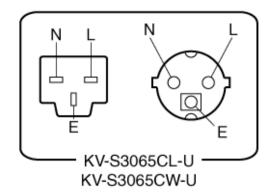
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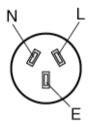
This hazardous condition must be corrected before the unit is returned to the end user.





KV-S3065CL KV-S3065CW KV-S3065CL-T KV-S3065CW-T





KV-S3065CL-A KV-S3065CW-A



KV-S3065CLCN KV-S3065CWCN

1.3 For Service Technicians

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ICs and LSIs are vulnerable to static electricity.

When repairing, the following precautions will help to prevent recurring malfunctions.

- 1. Cover the plastic parts with aluminum foil.
- 2. Ground the soldering irons.
- 3. Use a conductive mat on the worktable.
- 4. Do not grasp IC or LSI pins with bare fingers.

1.4 About Lead Free Solder (PbF: Pb free)

TOP PREVIOUS NEXT

Note

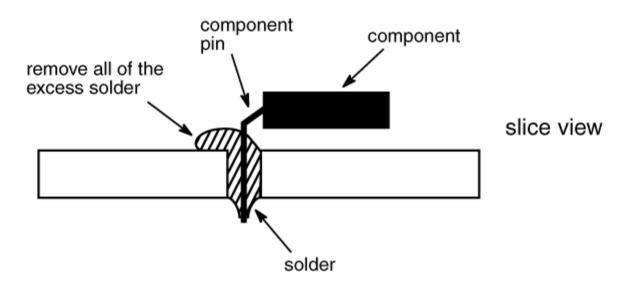
- In the information below, Pb, the symbol for lead in the periodic table of elements, will refer to standard solder or solder that contains lead.
- We will use PbF when discussing the lead free solder used in our manufacturing process which is made from Tin (Sn), Silver (Ag), and Copper (Cu).
- This model, and others like it, manufactured using lead free solder will have PbF stamped on the PCB. For service and repair work we suggest using the same type of solder although, with some precautions, standard Pb solder can also be used.

Distinction of PbF PCB

• PCBs (manufactured) using lead free solder will have a PbF stamp on the PCB.

Caution

- PbF solder has a melting point that is 50 ° 70 °F, (30 ° 40 °C) higher than Pb solder.
 - Please use a soldering iron with temperature control and adjust it to $700^{\circ} \pm 20^{\circ} F$ ($370^{\circ} \pm 10^{\circ} C$). In case of using high temperature soldering iron, please be careful not to heat too long.
- PbF solder will tend to splash if it is heated much higher than its melting point, approximately 1100 °F, (600 °C).
- If you must use Pb solder on a PCB manufactured using PbF solder, remove as much of the original PbF solder as possible and be sure that any remaining is melted prior to applying the Pb solder.
- When applying PbF solder to double layered boards, please check the component side for excess which may flow onto the opposite side (See figure, below)



1.4.1 Suggested Pb free solder

1.4.1 Suggested Pb free solder

TOP PREVIOUS NEXT

We recommend you to use the following solder when you re-solder components for repair. Before using other Pb free solder than the following solder, be sure to confirm a solder maker you appoint has made license agreements to be required when using Pb free solder legally.

Supplier: Senju Metal Industry Co., Ltd. (http://www.senju-m.co.jp)

Part Description in Senju: EcoSolder RMA02 P3 M705 Series

2 SPECIFICATIONS

Item			Model No.					
			KV-S3065CL Series *1	KV-S3065CW Series *2				
Scanner	Scanning face	•	Duplex					
	Scanning method		CIS (Contact-type color Image Sensor): Front & Back sides					
	Scanning Wic	dth	227 mm (9.0 in.) 302 mm (11.9 in.)					
d C			dpi, Portrait)	Color: 60 ppm/110 ipm (A4, 200 dpi, Portrait) 65ppm/120 ipm (Letter, 200 dpi,				
	Resolution			Main scanning direction: 100~600 dpi (1 dpi step) Sub-scanning direction: 100~600 dpi (1 dpi step) Optical resolution is 600 dpi.				
	Image output		Binary, Grayscale, Color, *5 Multi-stream Grayscale)	Binary, Grayscale, Color, *5 Multi-streamTM (Binary and Color, Binary and Grayscale)				
	Tonal gradation		Dither (64 step gradation), Error diffusio (24 bit)	on (64 step gradation), Grayscale (8 bit), Color				
	Image control		Image emphasis, Dynamic threshold, Au Mirror image, Noise reduction	tomatic separation, Multi-Color dropout,				
	Other function	ns	Patch code detection (Kodak patch 2,3,T	, Control sheet), Double feed detection				
	Paper	Size	48×70 mm (1.9×2.8 in.) to 297×431 mm (11.7×17 in.)	48×70 mm (1.9×2.8 in.) to 297×431 mm (11.7×17 in.)				
		Thickness	0.05 to 0.2 mm (2.0 to 7.9 mils) Note: 1 mil = 1/1000 in.					
		Weight	40 to 157 g/m2 (10.7 to 41.9 lb.) Note: 1 lb. = 3.75 g/m2					
		Detection	Empty, Size, Jam, and Double-feed detec	Empty, Size, Jam, and Double-feed detection				
	Interface		SCSI					
			III (20 MB/s, 50 pins half type) or USB 2.0 (Connector type: B)					
	Hopper capac	eity	Letter/A4 or less (Portrait): 300 sheets [6	Letter/A4 or less (Portrait): 300 sheets [64 g/m2 (17.1 lb.)]				
			Wider than Letter/A4 (Portrait): 200 sheets [64 g/m2 (17.1 lb.)]					
Unit	External dimensions (Width × Depth × Height)		495×575×288 mm (19.5×22.7×11.4 in.) Note: When the ADF Door is open, heigh	495×575×288 mm (19.5×22.7×11.4 in.) Note: When the ADF Door is open, height is 505 mm (19.9 in.).				
	Weight		24 kg (53 lbs.)	24 kg (53 lbs.)				
	Power requirement		AC100-120 V, 50/60 Hz *3 AC220-240 V, 50/60 Hz *4					
	Power	Maximum	1.4 A *3					
	consumption	(Scanning)	0.6 A *4					
		Minimum (Standby)	0.6 A *3					

			0.3 A *4			
		Sleep mode	8 W *3			
			8 W *4			
Environment	Operating ten	nperature and Humidity	Temperature: 15 °C to 30 °C (59 °F to 86 °F) Humidity: 30 % to 80 % RH			
	Storage tempo	erature and Humidity	Temperature: 0 °C to 35 °C (32 °F to 95 °F) Humidity: 10 % to 80 % RH			
Accessories			Installation manual, Maintenance manual, AC cord, USB cable, Blower, Cleaning paper, Shading paper, CD [ISIS Driver, TWAIN Driver, Capture software (RTIV), Operation manual, P.I.E. manual, RTIV manual, Control sheet images, User Utility, User Utility Manual]			
PbF (Pb Free)			Applied to PCB assemblies CONTROL, INTERFACE, PANEL, DRIVE, POWER, SIZE DETECTOR, HOPPER HOME, RELAY (LOWER), SKEW (R), WAITING SENSOR, STARTING SENSOR, ENDING (FRONT) SENSOR, RELAY (UPPER), PAPER JAM SENSOR, ENDING (REAR) SENSOR, POINTER, POST IMPRINTER DOOR, POWER RELAY, CIS (F) RELAY, CIS (B) RELAY Boards for KV-S3065CL Series and KV-S3065CW Series			
			Note: Distinction of PbF PCB PCBs (manufactured) using lead free solder will have a PbF stamp on the PCB.			
Option			Roller Exchange Kit (standard): KV-SS017 Roller Exchange Kit (for thin paper): KV-SS018 Roller Cleaning Paper (KV-SS03) Imprinter (KV-SS014) Ink Cartridge (KV-SS021)			

Note:

*1: KV-S3065CL Series

KV-S3065CL: For U.S.A.

KV-S3065CL-U: For Europe

KV-S3065CL-A: For Australia

KV-S3065CL-T: For Taiwan

SERIAL No. shown on the name plate on each scanner will distinguish the destinations for each area as follows.

- 1. SERIAL No. for U.S.A. \rightarrow 802 xxxx xxxx
- 2. SERIAL No. for Europe \rightarrow 803 xxxx xxxx
- 3. SERIAL No. for Australia \rightarrow 804 xxxx xxxx
- 4. SERIAL No. for Taiwan \rightarrow 805 xxxx xxxx

(x:Don t care)

KV-S3065CLCN: For China

SERIAL No. for China \rightarrow 806 xxxx xxxx

(x:Don t care)

*2: KV-S3065CW Series

KV-S3065CW: For U.S.A.

KV-S3065CW-U: For Europe

KV-S3065CW-A: For Australia

KV-S3065CW-T: For Taiwan

SERIAL No. shown on the name plate on each scanner will distinguish the destinations for each area as follows.

- 1. SERIAL No. for U.S.A. \rightarrow 747 xxxx xxxx
- 2. SERIAL No. for Europe \rightarrow 797 xxxx xxxx
- 3. SERIAL No. for Australia \rightarrow 798 xxxx xxxx
- 4. SERIAL No. for Taiwan \rightarrow 799 xxxx xxxx

(x:Don t care)

KV-S3065CWCN: For China

SERIAL No. for China \rightarrow 800 xxxx xxxx

(x:Don t care)

*3: Applied to KV-S3065CL/S3065CW (For U.S.A. and other countries where power supply (AC100 to AC120 V) is applied except for Taiwan) and KV-S3065CL-T/S3065CW-T

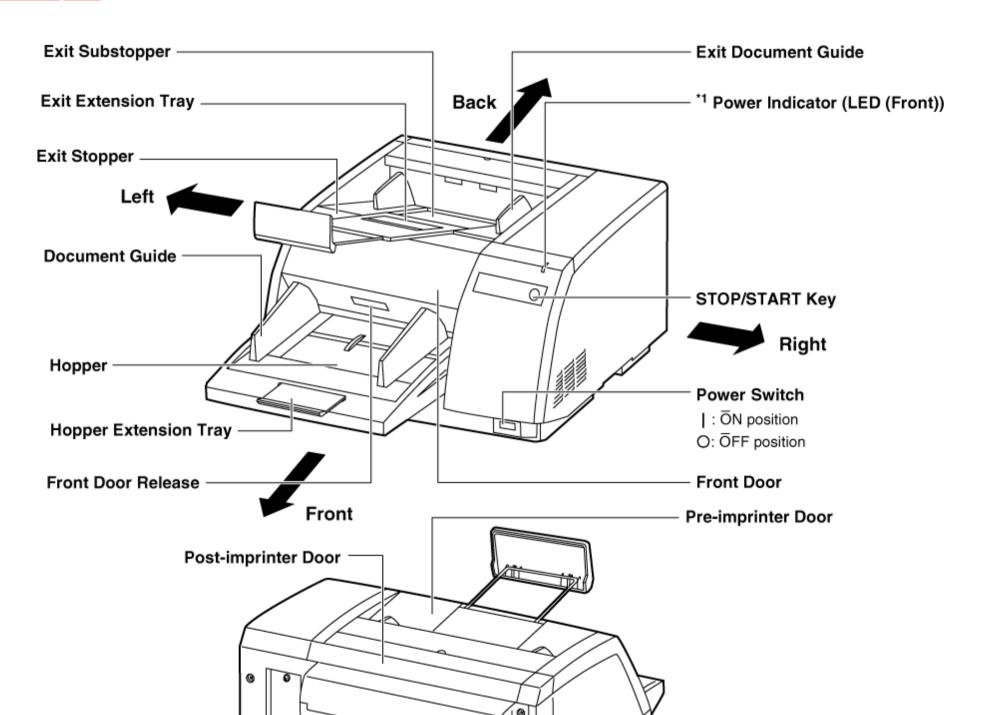
*4: Applied to KV-S3065CL-U/S3065CW-U (For Europe and other countries where power supply (AC220 to AC240 V) is

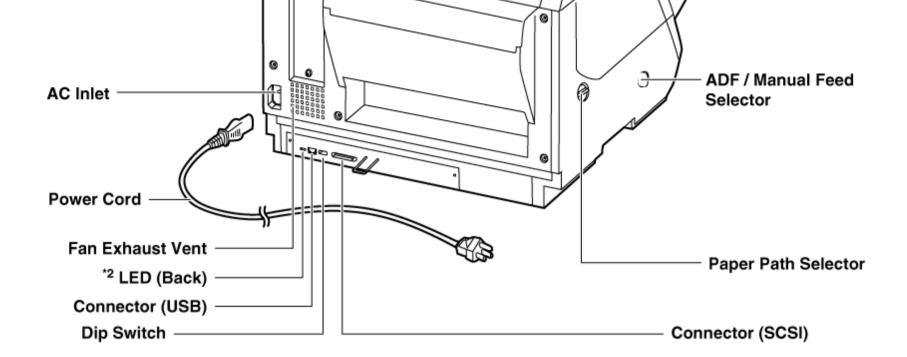
applied except for Australia and China), KV-S3065CL-A/S3065CW-A, and KV-

S3065CLCN/S3065CWCN

*5: MultiStream is TM of Pixel Translations (a division of Action point Inc.)

3 COMPONENT IDENTIFICATION





Note:

*1: Indicator Status: Refer to Fig.3.1.

*2: Only used for self-test (Service Mode): Refer to 9.4.

Fig.3.1 Power Indicator for showing scanner status

Color	ON	Flashing
Green	1. Ready 2. Scanning	Sleeping
Orange	*1. Ready with warning *2. Scanning with warning	1. Initializing *2. Sleeping with warning 3. Shading
Red	An error	System error

Note:

* Warning: Clean roller or replace roller

4 INSTALLATION

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- 4.1 Minimum Space Requirements
- 4.2 Loosening the Transportation Screw (Wing bolt)
- 4.3 DIMM Module Extension
- 4.4 Installing DIMM Module
- 4.5 Setting
- 4.5.1 SCSI
- 4.6 Connecting the Scanner to a Personal Computer
- 4.6.1 SCSI Connection
- 4.6.2 USB Connection
- 4.7 System Requirements
- 4.8 Installing Driver and Software
- 4.9 Others
- 4.9.1 Set ADF / Manual Feed Selector
- 4.9.2 Set Paper Path Selector

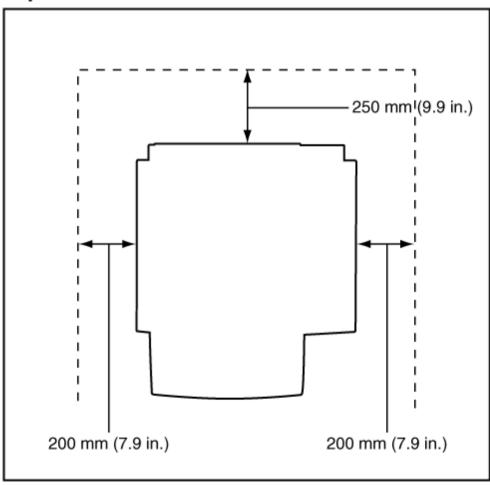
4.1 Minimum Space Requirements

TOP PREVIOUS NEXT

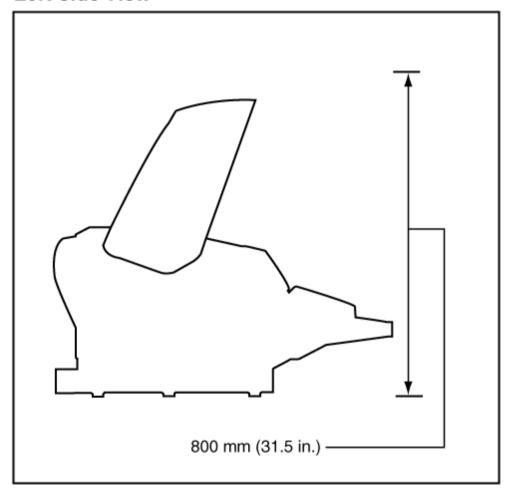
Be sure to maintain the recommended space requirements for proper ventilation.

Fig.4.1.1 Dimensions for proper ventilation



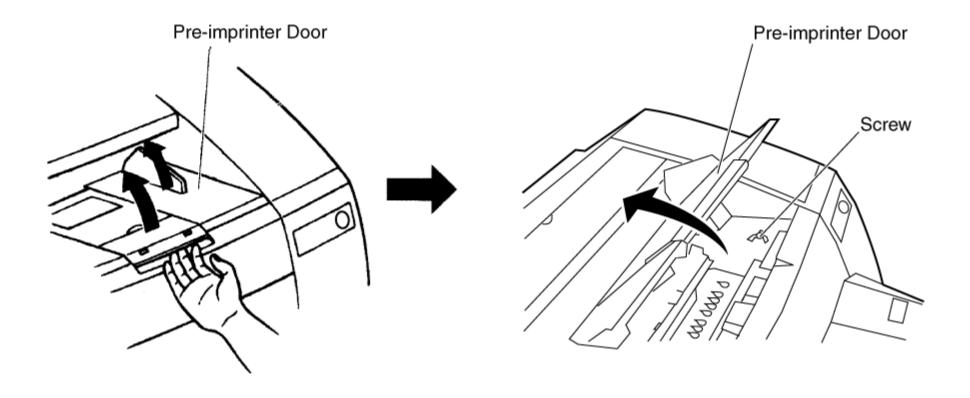


Left-side View



4.2 Loosening the Transportation Screw (Wing bolt)

TOP PREVIOUS NEXT



Before using the scanner, open the Pre-imprinter Door and loosen the Transportation Screw (Wing bolt) to enable the Front Door to open.

Note:

When transporting the scanner again, be sure to tighten the screw.

4.3 DIMM Module Extension

TOP PREVIOUS NEXT

A maximum of 512 MB extended memory may be required depending on the combination of the paper size, mode, and resolution. To determine how much extended memory is required on each condition, refer to Fig.4.3.1 and Fig.4.3.2.

Note:

Under any scanning conditions shown in the Fig.4.3.1 and Fig.4.3.2, image scanning with no additional memory will be done by using START/STOP operation except for Compatible Mode on 9.3.5 although scanning speedgoes down.

(Recommended DIMM)

- JEDEC-standard 168 pin, dual in-line memory module (DIMM)
- Single $+3.3 \text{ V} \pm 0.3 \text{ V}$ power supply
- Frequency / CAS Latency: 100 MHz/CL=2, 133 MHz/CL=2, 133 MHz/CL=3
- 64 MB, 128 MB, 256 MB, or 512 MB may be used.

Note:

Originally, INTERFACE Board has 64 MB memory as the basis.

Fig.4.3.1 Additional memory size-1 (Simplex)

(Unit: MB)

*1: 227×2,540 (9.0×100 in.) for KV-S3065CL Series

*2: 302×2,540 (11.9×100 in.) for KV-S3065CW Series

Mode	Size	dpi					
		100	200	300	400	500	600
Binary	*1 SC s Max (1)	0	0	0	0	0	0
	*2 SC s Max (2)	0	0	0	0	0	0
	Double Letter	0	0	0	0	0	0

_							
	Legal	0	0	0	0	0	0
	Letter	0	0	0	0	0	0
	A3	0	0	0	0	0	0
	A4	0	0	0	0	0	0
	A5	0	0	0	0	0	0
	A6	0	0	0	0	0	0
	B4	0	0	0	0	0	0
	B5	0	0	0	0	0	0
	B6	0	0	0	0	0	0
8 bit Gray	*1 SC s Max (1)	0	0	64	128	256	512
	*2 SC s Max (2)	0	0	64	256	256	512
	Double Letter	0	0	0	0	0	64
	Legal	0	0	0	0	0	0
	Letter	0	0	0	0	0	0
	A3	0	0	0	0	0	64
	A4	0	0	0	0	0	0
	A5	0	0	0	0	0	0
	A6	0	0	0	0	0	0
	B4	0	0	0	0	0	0
	B5	0	0	0	0	0	0
	B6	0	0	0	0	0	0
24 bit Color	*1 SC s Max (1)	0	64	256	512	-	_
	*2 SC s Max (2)	0	128	512	-	-	-
	Double Letter	0	0	0	64	128	256
	Legal	0	0	0	64	64	128
	Letter	0	0	0	0	64	128
	A3	0	0	0	64	128	256
	A4	0	0	0	0	64	128
	A5	0	0	0	0	0	64
	A6	0	0	0	0	0	0
	B4	0	0	0	64	128	128
	B5	0	0	0	0	64	64
	B6	0	0	0	0	0	0

Fig.4.3.2 Additional memory size-2 (Duplex)

(Unit: MB)

*1: 227×2,540 (9.0× 100 in.) for KV-S3065CL Series

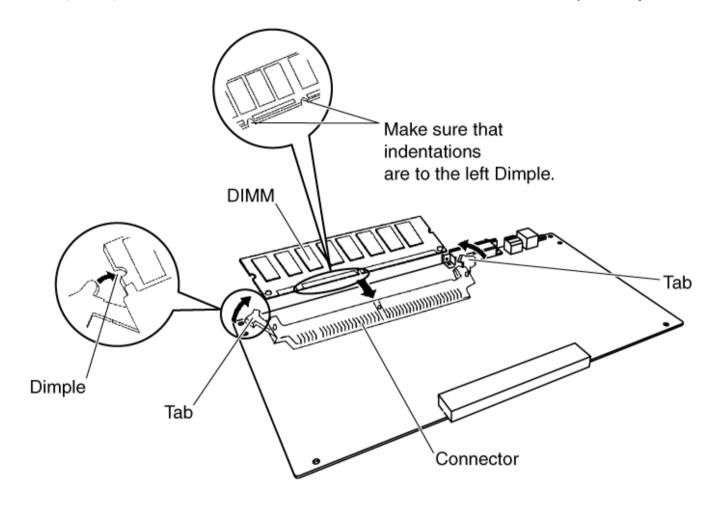
*2: 302×2,540 (11.9×100 in.) for KV-S3065CW Series

Mode	Size	dpi					
		100	200	300	400	500	600
Binary	*1 SC s Max (1)	0	0	0	0	0	64
	*2 SC s Max (2)	0	0	0	0	64	64
	Double Letter	0	0	0	0	0	0
	Legal	0	0	0	0	0	0
	Letter	0	0	0	0	0	0
	A3	0	0	0	0	0	0
	A4	0	0	0	0	0	0
	A5	0	0	0	0	0	0
	A6	0	0	0	0	0	0
	B4	0	0	0	0	0	0
	B5	0	0	0	0	0	0
	B6	0	0	0	0	0	0
8 bit Gray	*1 SC s Max (1)	0	64	128	256	512	-
	*2 SC s Max (2)	0	64	256	512	-	-
	Double Letter	0	0	0	64	64	128
	Legal	0	0	0	0	64	64
	Letter	0	0	0	0	0	64
	A3	0	0	0	64	64	128
	A4	0	0	0	0	0	64
	A5	0	0	0	0	0	0
	A6	0	0	0	0	0	0
	B4	0	0	0	0	64	64
	B5	0	0	0	0	0	64
	B6	0	0	0	0	0	0
24 bit Color	*1 SC s Max (1)	64	256	512	-	-	-
	*2 SC s Max (2)	64	256	-	-	-	-
	Double Letter	0	0	64	256	512	512
	Legal	0	0	64	128	256	256
	Letter	0	0	64	64	128	256
	A3	0	0	64	256	512	512
	A4	0	0	64	64	128	256
	A5	0	0	0	64	64	128
	A6	0	0	0	0	0	64
	B4	0	0	64	128	256	512

B5	0	0	0	64	128	256
B6	0	0	0	0	64	64

4.4 Installing DIMM Module

- 1. Remove INTERFACE Board. (See 8.4.1.)
- 2. Insert the DIMM Module into connector (CN2007) on the INTERFACE Board, and raise the tabs at both ends of the connector until they lock into place.



4.5 Setting

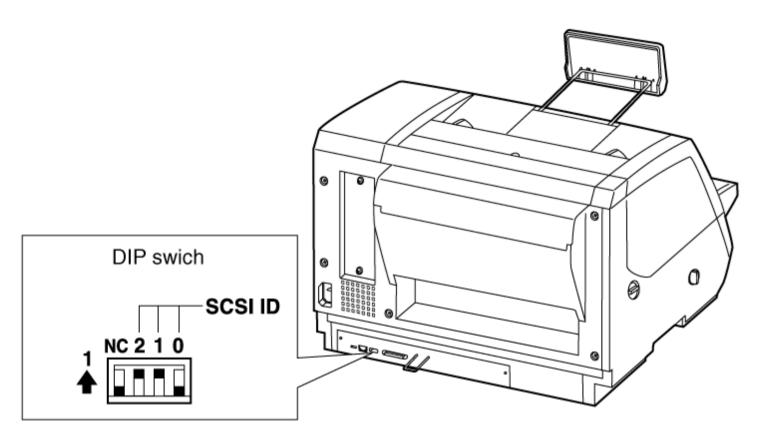
TOP PREVIOUS NEXT

<u>4.5.1 SCSI</u>

4.5.1 SCSI

TOP PREVIOUS NEXT

When connecting this scanner to PC via SCSI interface, perform the SCSI ID setting as follows.



SCSI ID Setting

ID No.		Switch		Remarks
	#2	#1	#0	
0	0	0	0	
1	0	0	1	
2	0	1	0	
3	0	1	1	
4	1	0	0	
5	1	0	1	
6	1	1	0	Factory Default
7	1	1	1	

4.6 Connecting the Scanner to a Personal Computer

TOP PREVIOUS NEXT

Connect either USB or SCSI interface cable per scanner.

Note: Windows NT supports only SCSI interface.

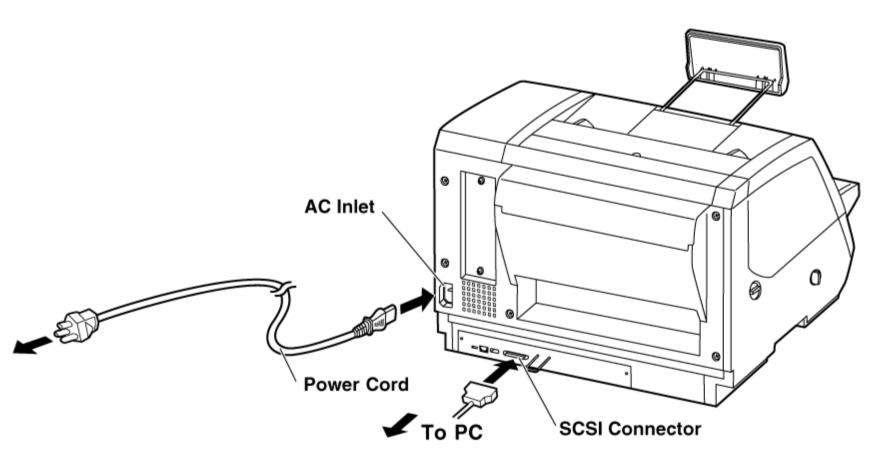
4.6.1 SCSI Connection

4.6.2 USB Connection

4.6.1 SCSI Connection

TOP PREVIOUS NEXT

Fig.4.6.1



Note:

Power Cord shown on the Fig.4.6.1 is for AC100-120 V.

Caution:

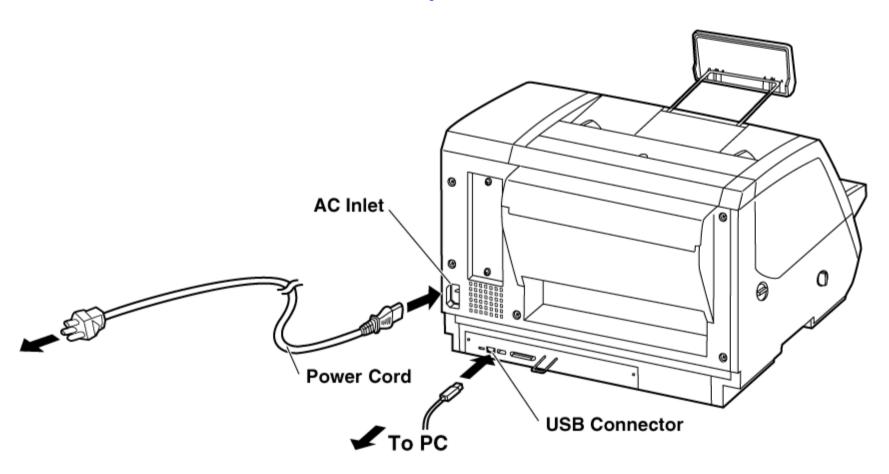
- 1. Use the scanner accessory s Power Cord.
- 2. Use SCSI cables as short as possible, securing SCSI specification.

3. After turning off the scanner and PC, remove SCSI cables.

4.6.2 USB Connection

TOP PREVIOUS NEXT

Fig.4.6.2



Note:

Power Cord shown on the Fig.4.6.2 is for AC100-120 V.

Caution:

- 1. Use the scanner accessory s Power Cord.
- 2. Use the scanner's accessory USB cable or a USB interface cable that is certified as Hi-Speed logo by USB-IF.

4.7 System Requirements

TOP PREVIOUS NEXT

When using the scanner, the required personal computer conditions are as follows.

		SCSI Connection	USB Connection		
CPU		Minimum Pentium	,		
Recommended: Pentium 4, 2 GHz or higher					
Memory Minimum: 256 MB Recommended: 512 MB or more					
OS		Windows® 98 Windows NT® 4.0 Windows® 2000 Windows® Me Windows® XP	Windows® 98 Windows® 2000 Windows® Me Windows® XP		
Display	Resolution	1,024×768 dots or more	,		
	Colors	65,536 colors or more			
Interface		SCSI	USB 2.0		
		Recommended SCSI Board: Adaptec SCSI Board (2930U/2940U/29160N/19160)			

Note 1:

- 1. This system requires 1 GB free space of HDD in the personal computer at least.
- 2. A color scanning beyond the conditions of A3 Size and 600 dpi may not be executed, based on Windows® 98 or Windows® Me.

And even based on another OS, a high resolution scanning may not be done.

- 3. The scanning speed differs depending on the personal computer s operating environment or application.
- 4. Be sure to connect the scanner directly to the USB interface port on PC. We cannot guarantee that the scanner will work properly if it is connected to a USB hub.
- 5. A daisy-chain connection to the SCSI interface may not allow the scanner to realize the high speed scanning.
- 6. When using Windows NT®, be sure to install the ASPI layer software that the SCSI Board s

vendor provides.

Note 2:

- Windows® 98 is Microsoft® Windows® 98 operating system.
- Windows® Me is Microsoft® Windows® Me operating system.
- Windows NT® is Microsoft® Windows NT® operating system.
- Windows® 2000 is Microsoft® Windows® 2000 operating system.
- Windows® XP is Microsoft® Windows® XP operating system.
- Microsoft®, Windows® and Windows NT® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Pentium® is a registered trademark of Intel Corporation.
- Each company s name or company product name is each company s trademark or registered trademark.

4.8 Installing Driver and Software

TOP PREVIOUS NEXT

According to the Product accessory Installation Manual, install software with the Product accessory CD-ROM to enable the scanning function to be done.

4.9 Others

TOP PREVIOUS NEXT

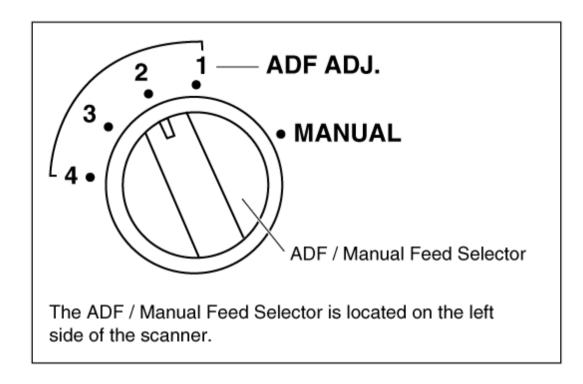
4.9.1 Set ADF / Manual Feed Selector

4.9.2 Set Paper Path Selector

4.9.1 Set ADF/ Manual Feed Selector

TOP PREVIOUS NEXT

Depending upon the paper quality, set the ADF / Manual Feed Selector.



- 1. By setting the ADF / Manual Feed Selector to Manual position, the Retard Roller is separated from the Separation Roller. By this operation, multiple sheet will be scanned as a pieceof document.
- 2. On the other hand, by setting the ADF / Manual Feed Selector to 1, 2, 3, or 4 position, the Retard Roller exerts a manipulation force onto the documents, and the documents are separated by thismanipulation.

Note:

In proportion to the increment of the number $(1 \rightarrow 2 \rightarrow 3 \rightarrow 4)$ on the ADF / Manual Feed Selector, the contact force between the Retard and Separation Rollers goes up. (When scanning plain paper, set the selector o 2 or 3.)

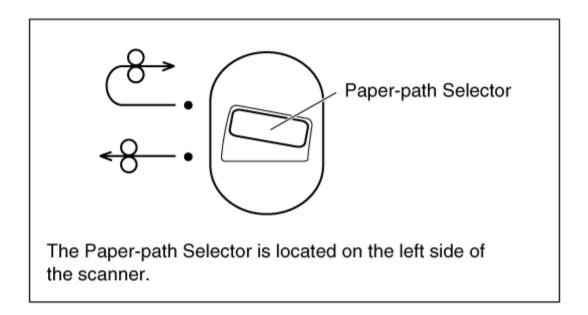


4.9.2 Set Paper Path Selector

TOP PREVIOUS NEXT

Change the Paper-path Selector position as required.

- 1. When making the document exit to the upper-front position
 - → Push the Paper-path Selector upwards
- 2. When making the document exit to the lower-back position (Straight pass mode)
 - → Push the Paper-path Selector downwards



Note:

For the thicker paper scanning, we recommend the straight paper path.

5 SECTIONAL VIEWS

TOP PREVIOUS NEXT

5.1 CIS, Motors, and Imprinters (Option)

5.2 Rollers

<u>5.3 Boards-1</u>

5.4 Boards-2

5.1 CIS, Motors, and Imprinters (Option)

TOP PREVIOUS NEXT

5.2 Rollers

TOP PREVIOUS NEXT

5.3 Boards-1

TOP PREVIOUS NEXT

5.4 Boards-2

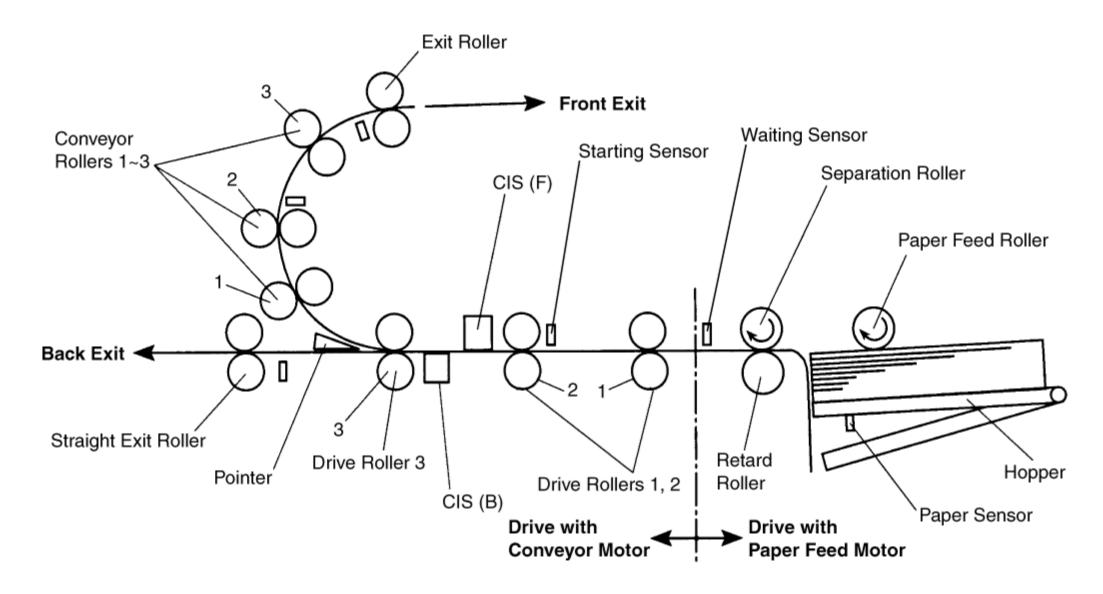
TOP PREVIOUS NEXT

6 MECHANICAL FUNCTION

TOP PREVIOUS NEXT

- 6.1 Paper Feed Mechanism-1 (Auto)
- 6.2 Paper Feed Mechanism-2 (Manual)
- 6.3 Paper Feed Mechanism-3 (ADF Adjustment)
- 6.4 Paper Feed Roller / Hopper Lift Drive Mechanism
- 6.5 Hopper Lift Mechanism

6.1 Paper Feed Mechanism-1 (Auto)



- 1. When documents are set on the Hopper, and the scanning command is issued from PC, the Hopper rises and the documents will be brought into contact with Paper Feed Roller.
- 2. The Conveyor Motor is driven to rotate the 3 Drive Rollers, 3 Conveyor Rollers, and Exit Roller.
- 3. When the Paper Feed Motor starts, the Paper Feed Roller and the Separation Roller turn in feed direction.

The Retard Roller is supported by a shaft fixed via a torque limiter, and it is pushed against the Separation Roller. When the documenters into the separation section, the Retard Roller exerts a manipulation force onto the documents, which depends on the set torque. In case of continuous paper feed, the documents are separated by this manipulation force, and so only a documentis fed to the scanning section.

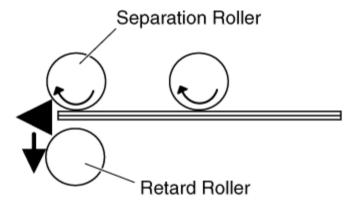
- 4. When the leading edge of the document advances at about 5 mm from the Waiting Sensor after passing through the separation section and Waiting Sensor, the Paper Feed Motor stops and the Paper Feed Roller and the Separation Roller turn together.
- 5. When the leading edge of the document passes through the Starting Sensor, scanning the image starts after the defined period. (Time to be required to conveyor the document from the Starting Sensor to the scanning start point.)
- 6. When the heeling edge of the document come to the defined position from the Waiting Sensor, the Paper Feed Motor is driven again to feed the 2nd document.
- 7. Repeat the above 3 to 6.
- 8. After finishing all scanning process, Hopper goes down to the original position and the series of scanning sequence ends.

Note:

When the scanner s buffer becomes full of data, scanner will stop until securing the buffer free area that allows the scanner transfer the data to PC in order to prevent the buffer from overflowing.

6.2 Paper Feed Mechanism-2 (Manual)

TOP PREVIOUS NEXT



Manual Position

When the ADF / Manual Feed Selector is set to MANUAL, the Retard Roller is free from the Separation Roller. In this case, the Retard Roller does not operate as the document separation.

6.3 Paper Feed Mechanism-3 (ADF Adjustment)

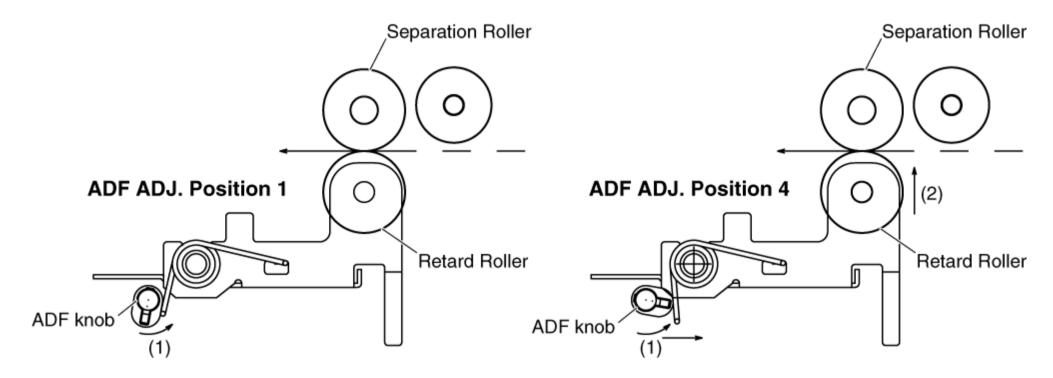
TOP PREVIOUS NEXT

This ADF Adjustment (1,2,3, or 4 on ADF ADJ.) will enable this scanner to realize the continuous scanning properly by forcing an appropriate pressure from the Retard Roller to Separation Roller according to the document quality.

The mechanism is as follows.

With the increasing of turning angle for ADF knob counterclockwise, the cam pressure to the spring in the direction of the arrow (1) grows to enable the Retard Roller to press the Separation Roller in the direction of the arrow (2).

This force and torque limiter the Retard Roller has originally will help the scanner feed only a single document.



6.4 Paper Feed Roller/ Hopper Lift Drive Mechanism

TOP PREVIOUS NEXT

The rotation direction of the Paper Feed Motor differs the Paper Feed Roller mechanism from Hopper Lift Drive mechanism.

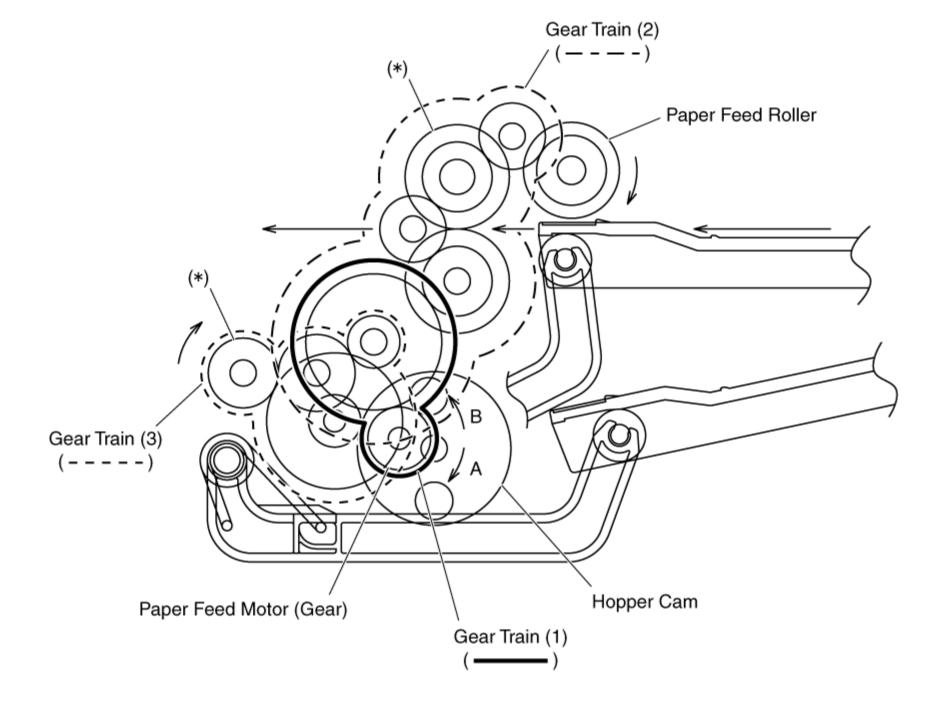
- (a) The Gear Train (1) is a common drive system for the paper feed and hopper lift drive mechanisms.
- (b) The Gear Train (2) is a drive system for the Paper Feed mechanism.
- (c) The Gear Train (3) is a drive system for the Eccentric Gear in the Hopper Lift mechanism.

When the Paper Feed Motor rotates in the direction of the arrow (A), this rotation will activate the Gear Train (2) to drive the Paper Feed Roller.

At this time, in order to prevent the rotation to be transmitted to the hopper lift block, the Gear marked with (*) in the Gear Train (3) have one way clutches.

On the other hand, when the Paper Feed Motor rotates in the direction of the arrow (B), this rotation will activate the Gear Train (3) to drive the hopper lift block.

At this time, in order to prevent the rotation to be transmitted to the paper feed block, the Gear marked with (*) in the Gear Train (2) have one way clutches.



6.5 Hopper Lift Mechanism

Hopper Spring

TOP PREVIOUS NEXT

When the rotation from the above Gear Train (3) is transmitted to the Hopper Cam, the location of the eccentric boss on the Hopper Cam position will decide a hopper position (Paper Feed Mode or Paper Set Mode).

In case of Fig. 6.5.1 driven by the Gear Train (3), the eccentric boss of Hopper Cam continues to turn in the direction of the arrow (C) and press the Hopper Arm in the direction of the arrow (D) against the force of the Hopper Spring to set the Hopper to be in Hopper Position 1 (Hopper Set Mode).

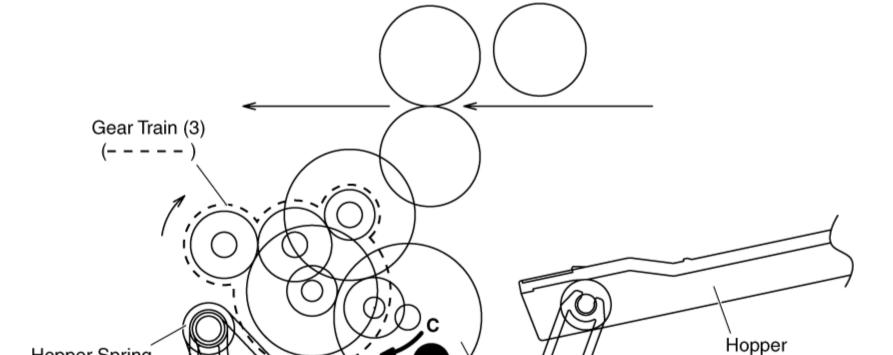


Fig.6.5.1 Hopper Position 1 (Paper Set Mode)

And when the eccentric boss of the cam further turns in the direction of the arrow (C) and the boss deviates from the Hopper Arm at the moment, the Hopper Spring extends in the direction

Boss

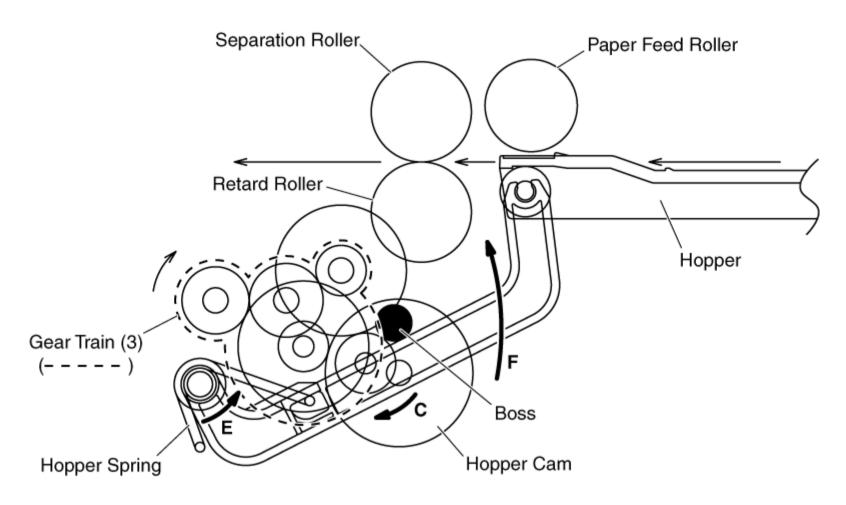
D

Hopper Arm

Hopper Cam

of the arrow (E) to lift up the Hopper Arm in the direction farrow (F), and to set the Hopper to be in Hopper Position 2 (Paper Feed Mode) as shown in Fig.6.5.2.

Fig.6.5.2 Hopper Position 2 (Paper Feed Mode)



7 MAINTENANCE

TOP PREVIOUS NEXT

7.1 Maintenance Chart

7.2 Cleaning

7.2.1 Preparation

7.2.2 Cleaning-1 (Main)

7.2.3 Cleaning-2 (Others)

7.3 Replacing Limited Life Parts

7.3.1 Replacing Paper Feed Module

7.3.2 Replacing Retard Roller

7.1 Maintenance Chart

TOP PREVIOUS NEXT

C: Clean R: Replace

(×1000sheets)

Description		Reference of Part No.	20	40	60	80~260	280	300
Paper Feed Roller		Ref. No.12 in Sec.14.5	С	С	С	Clean each part every 20 (×1000) sheets scanning	С	R
Separation Roller		Ref. No.1 in Sec.14.5	С	С	С		С	R
Retard Roller		Ref. No.30 in Sec.14.3	С	С	С			R
Drive Roller 1		Ref. No.63 in Sec.14.3	С	С	С		С	С
Drive Roller 2		Ref. No.63 in Sec.14.3	С	С	С		С	С
Drive Roller 3		Ref. No.63 in Sec.14.3	С	С	С		С	С
Conveyor Roller 1		Ref. No.64 in Sec.14.3	С	С	С		С	С
Conveyor Roller 2		Ref. No.64 in Sec.14.3	С	С	С	-	С	С
Conveyor Roller 3		Ref. No.64 in Sec.14.3	С	С	С		С	С
Exit Roller		Ref. No.31 in Sec.14.5	С	С	С		С	С
Straight Exit Roller		Ref. No.64 in Sec.14.3	С	С	С		С	С
Free Rollers 1		Ref. No.96 in Sec.14.5	С	С	С		С	С
Free Rollers 2		Ref. No.41 in Sec.14.4 Ref. No.41, 109 in Sec.14.5	С	С	С		С	С
Image Sensor Cover	(F)	Ref. No.98 in Sec.14.5	С	С	С		С	С
	(B)	Ref. No.24 in Sec.14.4	С	С	С		С	С
Paper Sensor		Ref. No.40 in Sec.14.1	С	С	С		С	С
Waiting Sensor (Board)		Ref. No.90 in Sec.14.5	С	С	С		С	С
Skew (L) Sensor (on the WAITING SENSOR Board)		Ref. No.90 in Sec.14.5	С	С	С		С	С
Skew (R) Sensor (Board)		Ref. No.89 in Sec.14.5	С	С	С		С	С
Starting Sensor (Board)		Ref. No.51 in Sec.14.5	С	С	С		С	С
Paper Jam Sensor (Board)		Ref. No.28 in Sec.14.4	С	С	С		С	С
Ending (Front) Sensor (Board)		Ref. No.24 in Sec.14.5	С	С	С		С	С
Ending (Rear) Sensor (Board)		Ref. No.31 in Sec.14.4	С	С	С		С	С
Double Feed Detector (G) Ref.		Ref. No.92 in Sec.14.5	С	С	С		С	С
Double Feed Detector (R) Ref. No.3 in		Ref. No.3 in Sec.14.4	С	С	С		С	С
l l		Ref. No.87 in Sec.14.3 Ref. No.20 in Sec.14.4	С	С	С		C	С



The Image Sensor Covers (F) and (B) or their surroundings may be hot after scanning a lot of documents continuously.

Be sure to allow the inside of the scanner to cool down before performing any maintenance or coming in contact with the inside of the unit.

Note 1:

The above roller maintenance values are registered in the maintenance counter (Refer to Section 9), and the PC will inform users the cleaning or replacing timing if the utility software in this scanner has been already installed and startedup.

Note 2:

The maintenance schedule was determined according to paper standards (A4 or Letter, 16 lb. copier paper), which can vary greatly between users. Therefore, the values can also vary.

7.2 Cleaning

TOP PREVIOUS NEXT

7.2.1 Preparation

7.2.2 Cleaning-1 (Main)

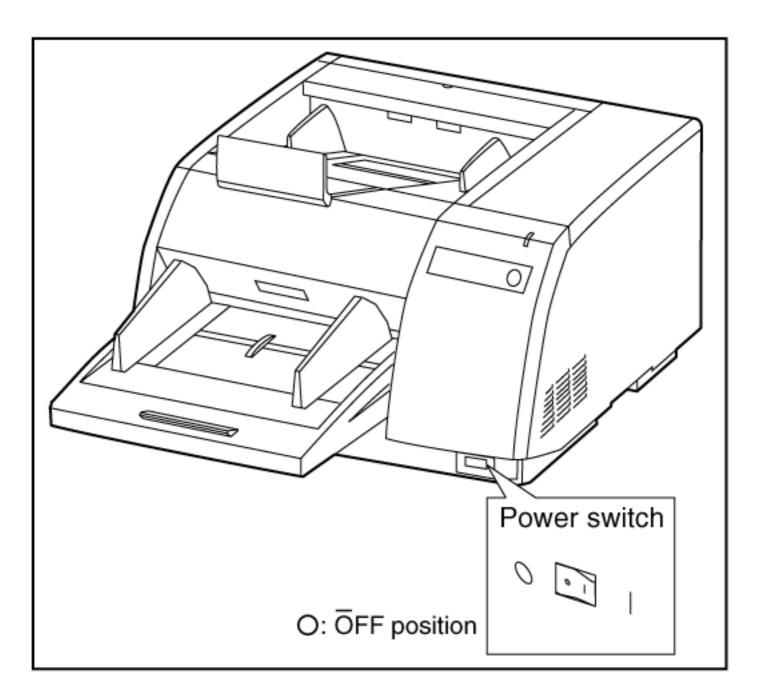
7.2.3 Cleaning-2 (Others)

7.2.1 Preparation

TOP PREVIOUS NEXT

Before cleaning, the following procedures are required.

1. Turn off the scanner.



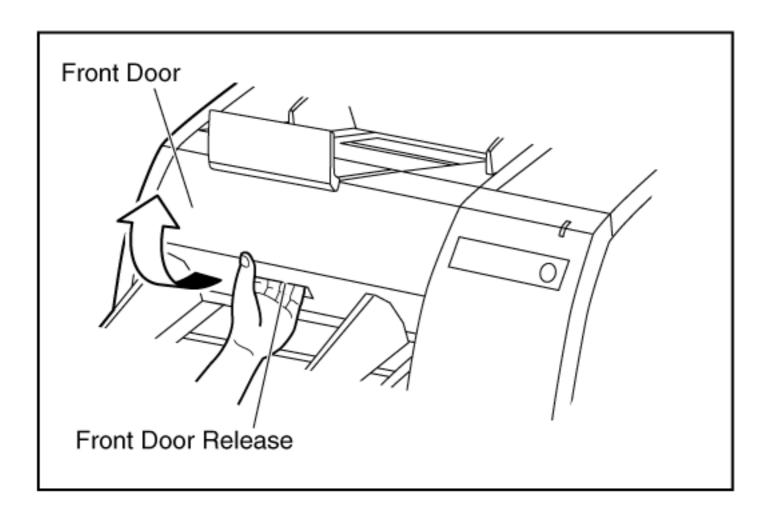
1. Pull the Front Door Release to open the Front Door.

Note:

A. When Front Door does not open even if Front Door Release is pressed repeatedly, there is possibility that the door is not latched.

In this case, try to close the Front Door until it clicks into place.

B. After finishing this maintenance, close the Front Door slowly until it clicks into place.



7.2.2 Cleaning-1 (Main)

TOP PREVIOUS NEXT

According to the instructions in following figures Fig.7.2.2-1 and Fig.7.2.2-2, wipe off or blow off the dirt from each surface of the following parts so as to realize a high-performance on the scanning condition.

(Fig.7.2.2-1): Cleaning Parts and Action

Maintenance Parts		*1 Action Code	Action	Comments
Paper Feed Roller C		С	Clean each surface with the accessory Roller Cleaning Paper or Model KV-SS03 (Option: Roller Cleaning Paper) to wipe off the	After cleaning the Paper Feed, Separation, and Retard Rollers,
Separation Roller C		С	dirt around its surface.	execute Clear Counter for cleaning roller with Service Utility (See 9.3.)
Retard Roller C		С		
Drive Roller 1 C Drive Roller 2 C		С	1. How to deal withthe Roller Cleaning Paper and others. → See Note *2.	
		С	2. Cleaning position → See Fig. 7.2.2-2.	
Drive Roller 3		С		
Conveyor Roller 1		С		
Conveyor Roller 2		С		
Conveyor Roller 3 C Free Rollers C		С		
		С		
Image Sensor Cover	(F)	С		
	(B)	С		
Paper Sensor		В	Blow off the dirt on each surface with the accessory Blower.	
Waiting Sensor (Board)		В		
Skew (L) Sensor (on the WAITING SENSOR Board) Skew (R) Sensor (Board) Starting Sensor (Board)		В	1. How to use the Blower → See Note *3.	
		В	2. Cleaning position → See Fig. 7.2.2-2.	
		В		
Paper Jam Sensor (Board)		В		
Double Feed Detector (G)		В		
Double Feed Detector (R)		В		
Reflector Sheets		В		

Note: *1

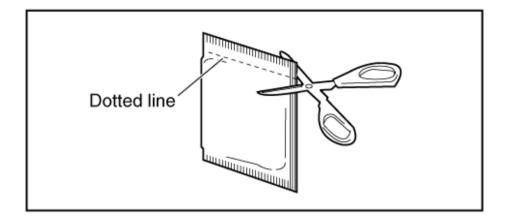
Action Code shows cleaning method as follows.

C: Clean each surface with the accessory Roller Cleaning Paper or Model KV-SS03 (Option: Roller Cleaning Paper)

B: Blow off each surface with the accessory Blower.

Roller Cleaning Paper

• Open the bag by the dotted line and take out the Roller Cleaning Paper.

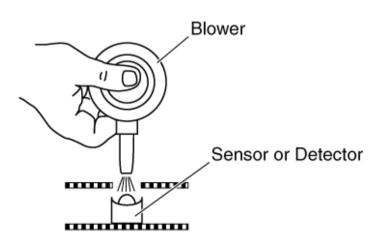


- If the opened bag is left open for a long period of time before using it, the alcohol will evaporate. Use the Roller Cleaning Paper immediately after opening the bag.
- The Roller Cleaning Paper (Model No. KV-SS03) is available via sales route.

Note: *3

How to clean sensor (detectors) and reflectors.

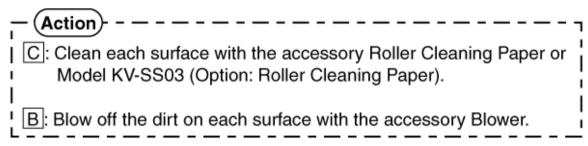
Remove the brush from the accessory Blower and blow off the dirt with the blower.

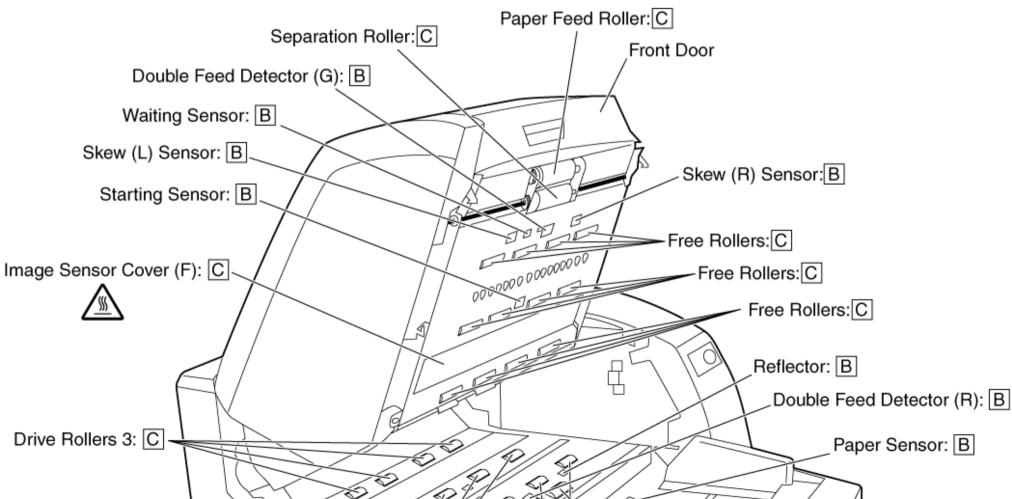


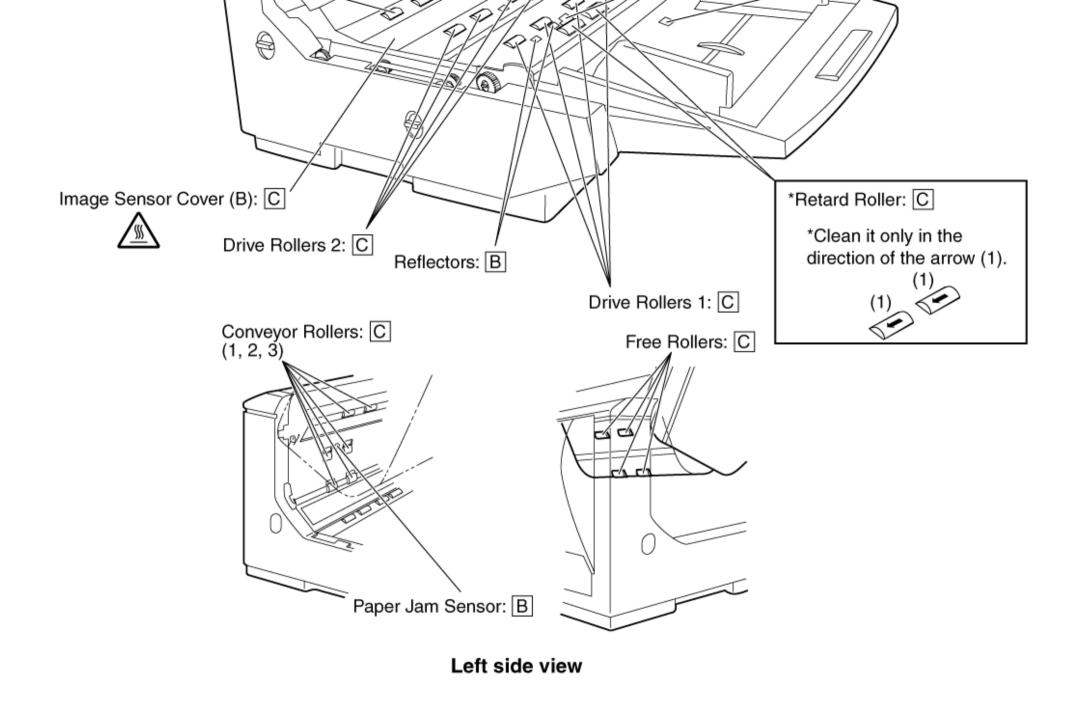


The Image Sensor Covers (F) and (B) or their surroundings may be hot after scanning a lot of documents continuously.

Be sure to allow the inside of the scanner to cool down before performing any maintenance or coming in contact with the inside of the unit.





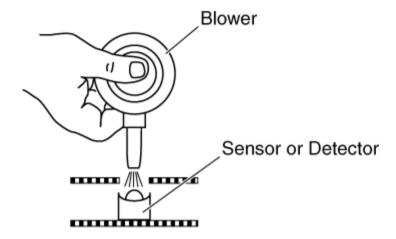


7.2.3 Cleaning-2 (Others)

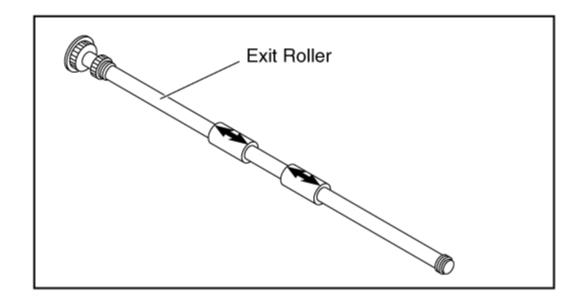
TOP PREVIOUS NEXT

How to clean sensors (detectors) and reflectors.

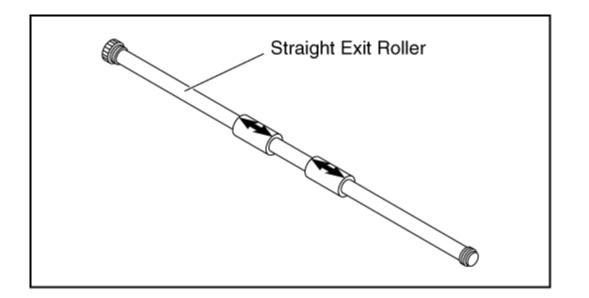
Remove the brush from the accessory Blower and blow off the dirt with the blower.



- 1. Remove the Exit Roller. (See 8.3.17.)
- 2. Wipe off the dirt on the Exit Roller's surfaces all the way around them with the accessory Roller Cleaning Paper or Model KV-SS03.



- 1. Remove the ENDING (FRONT) SENSOR Board. (See 8.4.4.)
- 2. Blow off the dirt on the surface of the Ending (Front) Sensor with an accessory blower.
- 3. Remove the Straight Exit Roller. (See 8.3.14.)
- 4. Wipe off the dirt on the Straight Exit Roller's surfaces all the way around them with the accessory Roller Cleaning Paper or Model KV-SS03.
- 5. Remove the ENDING (REAR) SENSOR Board. (See 8.4.17.)
- 6. Blow off the dirt on the surface of the Ending (Rear) Sensor with an accessory blower.



7.3 Replacing Limited Life Parts

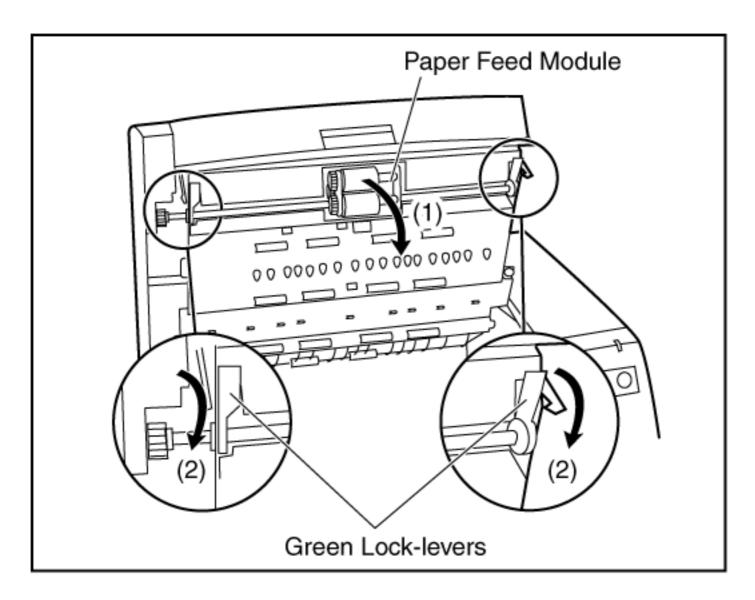
TOP PREVIOUS NEXT

7.3.1 Replacing Paper Feed Module

7.3.2 Replacing Retard Roller

7.3.1 Replacing Paper Feed Module

- 1. Turn off the scanner. (See 7.2.1-(1).)
- 2. Pull the Front Door Release to open the Front Door. (See 7.2.1-(2).)
- 3. Pull down the Paper Feed Module in the direction of the arrow (1), hanging your finger on the center shaft of the module.
- 4. Push down the Green Lock- levers on both sides in the direction of the arrow (2) to release and remove the Paper Feed Module from the scanner.



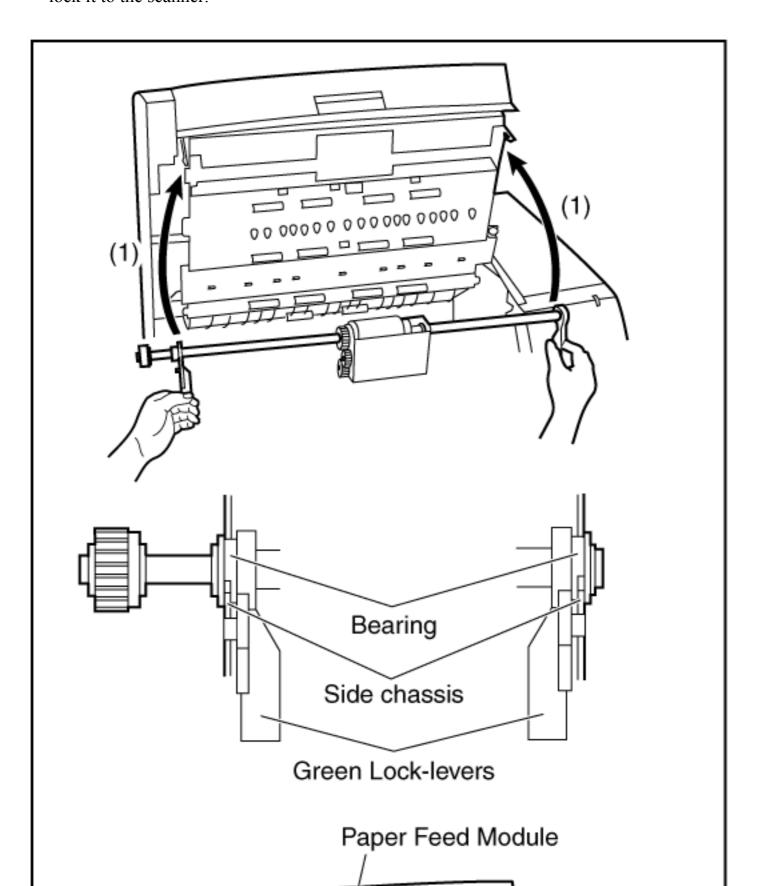
- 1. Open the optional Roller Exchange Kit (KV-SS017 or KV-SS018), and take out a new Paper Feed Roller Module.
- 2. Install the new Paper Feed Roller Module into the guide grooves of both sides in the direction

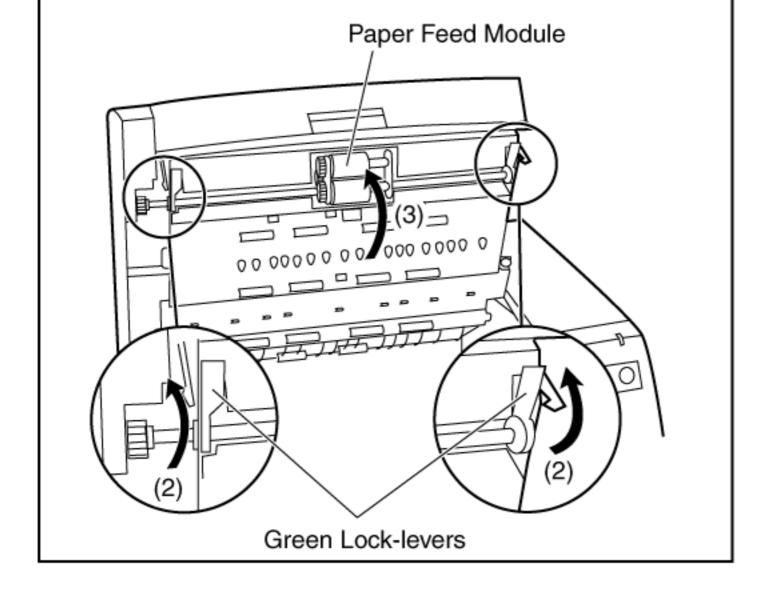
of the arrows (1).

Note:

Be sure to match both bearings of the module with the guide grooves on both sides of the chassis.

3. Push up the Green Lock-levers and Paper Feed Module in the direction of the arrows (2), (3) to lock it to the scanner.

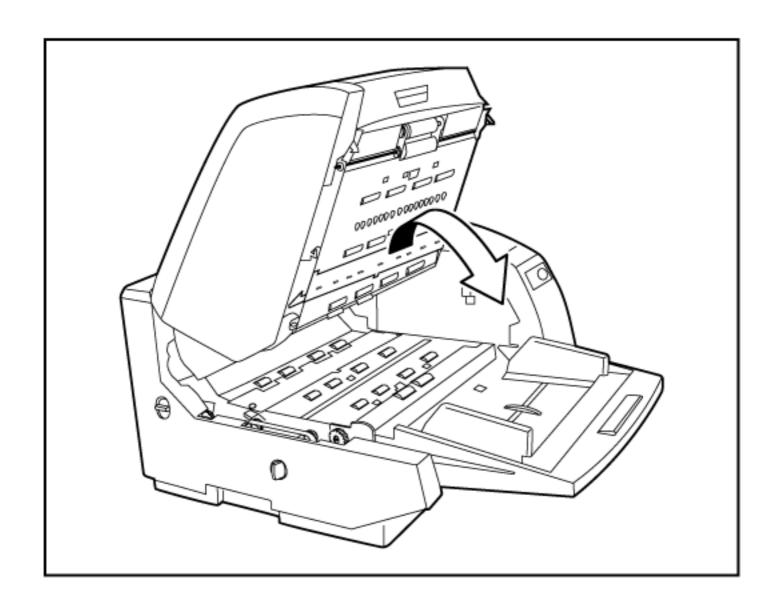




1. Close the Front Door slowly until it clicks into place.

Note:

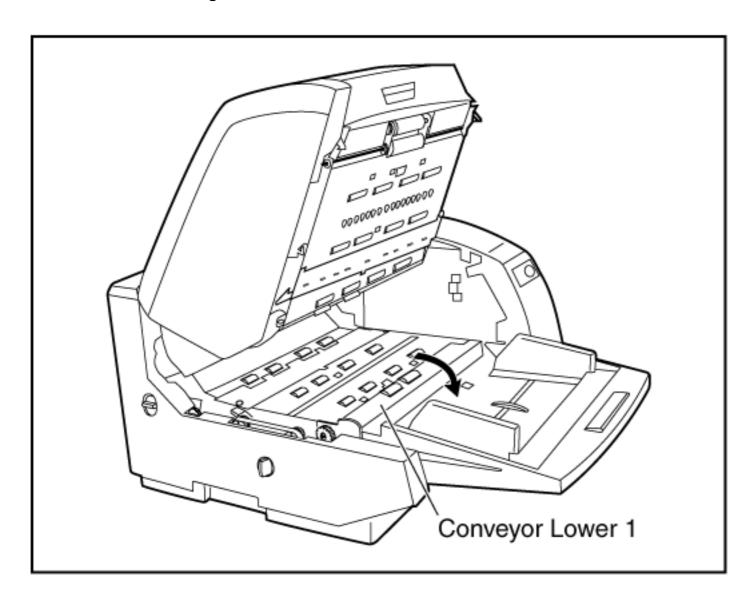
After replacing the above Paper Feed Roller Module and the following section s (7.3.2) Retard Roller, execute Clear Counter for replacing roller, with Service Utility. (See 9.3.4.)



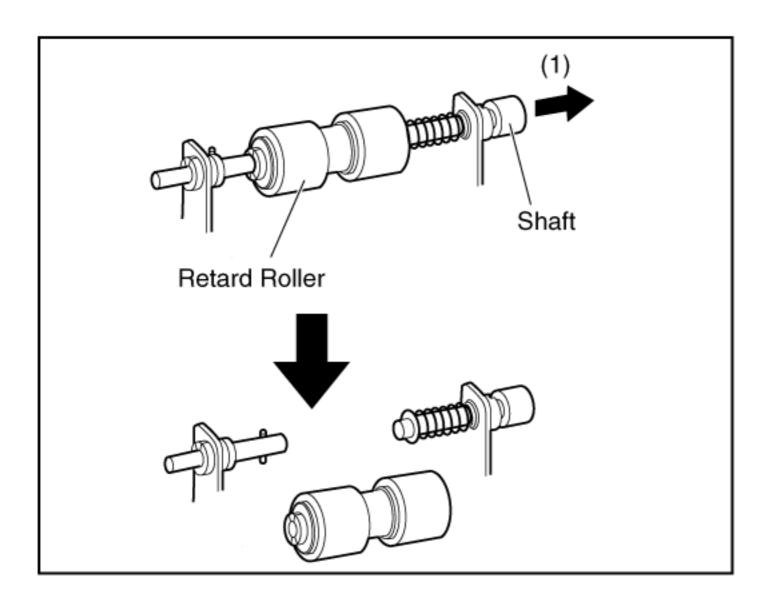
7.3.2 Replacing Retard Roller

TOP PREVIOUS NEXT

- 1. Turn off the scanner. (See 7.2.1-(1).)
- 2. Push the Front Door Release to open the Front Door. (See 7.2.1-(2).)
- 3. Open the Conveyor Lower 1 in the direction of the arrow shown in the figure.



1. Pull the Shaft in the direction of the arrow (1) to release and remove the Retard Roller.

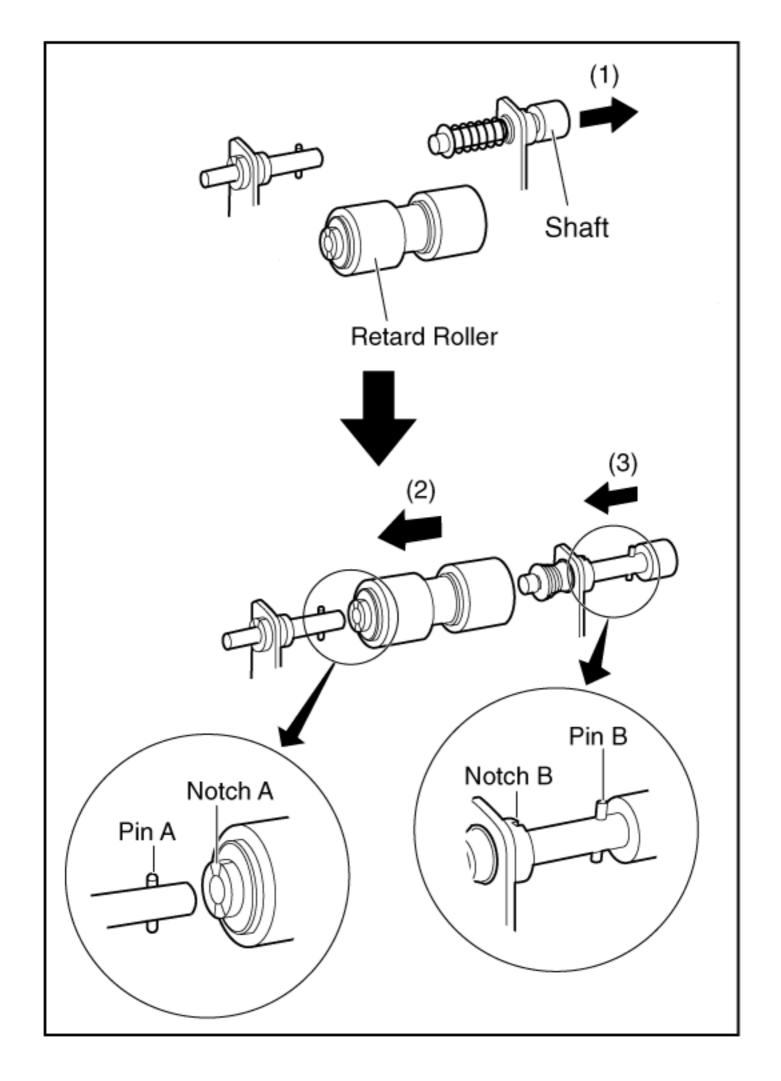


- 1. Take out a new Retard Roller in the optional Roller Exchange Kit (KV-SS017 or KV-SS018).
- 2. Install a new Retard Roller.

Attach it toward the arrows (2), (3) while pulling the Shaft in the direction of the arrow (1).

Note:

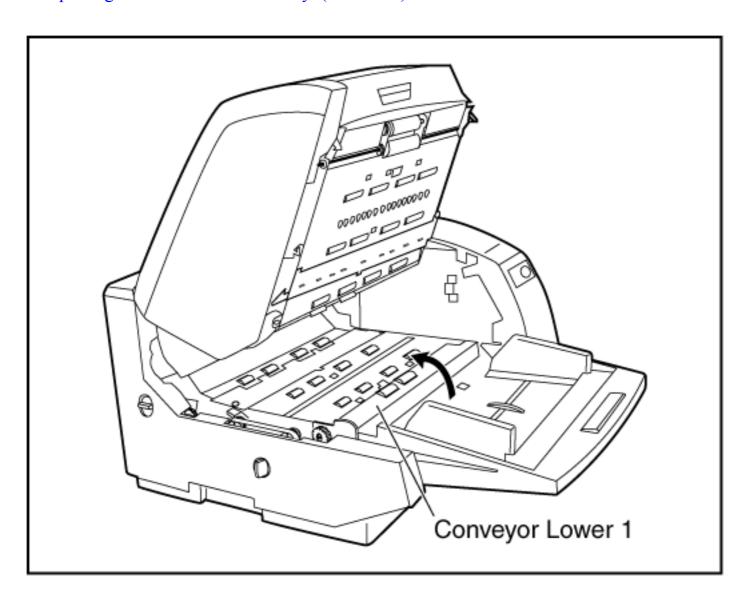
Pay attention to the roller attachment so that Pins A, B are inserted in each Notch A, B surely. Otherwise, a double-feeding or paper jamming may occur.



- 1. Close the Conveyor Lower 1 in the direction of the arrow shown in the figure.
- 2. Close the Front Door slowly until it clicks into place. (See 7.3.1-(8).)

Note:

After replacing the Paper Feed Roller Module and Retard Roller, execute Clear Counter for replacing roller with Service Utility. (See 9.3.4.)



8 DISASSEMBLY INSTRUCTIONS

TOP PREVIOUS NEXT
8.1 Disassembly Flowchart
8.2 Exterior
8.2.1 Rear Cover (with Post-imprinter Door)
8.2.2 Side Cover (R)
8.2.3 Switch Panel
8.2.4 Top Cover (R)
8.2.5 Exit Cover
8.2.6 Pre-imprinter Door
8.2.7 Side Cover (L)
8.2.8 Feed Unit Cover (L)
8.2.9 Feed Unit Cover
8.2.10 Hopper Unit
8.3 Unit Components
8.3.1 Image Sensor Cover (F)
8.3.2 Conveyor Upper 2
8.3.3 Conveyor Upper 3
8.3.4 Paper Feed Roller Module
8.3.5 CIS (F) & Lamp Drive (F) Board

8.3.6 Retard Roller
8.3.7 Image Sensor Cover (B)
8.3.8 Conveyor Lower 2
8.3.9 Drive Belt
8.3.10 Drive Rollers 1, 2, 3
8.3.11 CIS (B) & Lamp Drive (B) Board
8.3.12 Conveyor Motor
8.3.13 Paper Feed Motor
8.3.14 Straight Exit Roller
8.3.15 Turn Conveyor (Outer)
8.3.16 Conveyor Rollers 1, 2, 3
8.3.17 Exit Roller
8.3.18 Turn Conveyor (Inner)
8.3.19 Board Box Cover
8.3.20 Board Box Unit
8.3.21 Front Door Switch
8.3.22 Gas Spring
8.4 Circuit Board Assemblies
8.4.1 INTERFACE Board
8.4.2 PANEL Board
8.4.3 POST IMPRINTER DOOR Board

8.4.4 ENDING (FRONT) SENSOR Board
8.4.5 RELAY (UPPER) Board
8.4.6 CONTROL Board
8.4.7 SIZE DETECTOR Board and Paper Sensor
8.4.8 STARTING SENSOR Board
8.4.9 SKEW (R) Board
8.4.10 WAITING SENSOR Board
8.4.11 Double Feed Detector (G)
8.4.12 CIS (F) RELAY Board
8.4.13 RELAY (LOWER) Board
8.4.14 Double Feed Detector (R)
8.4.15 CIS (B) RELAY Board
8.4.16 PAPER JAM SENSOR Board
8.4.17 ENDING (REAR) SENSOR Board
8.4.18 POINTER Board
8.4.19 HOPPER HOME Board
8.4.20 DRIVE Board
8.4.21 POWER RELAY Board
8.4.22 POWER Board & FAN

8.1 Disassembly Flowchart

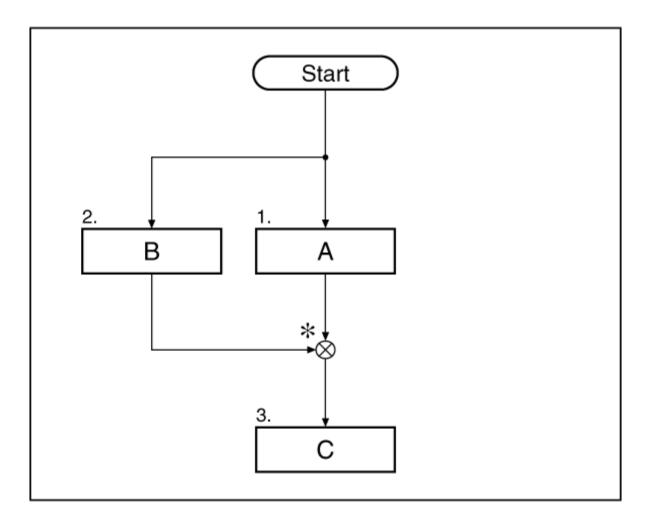
TOP PREVIOUS NEXT

The flowchart indicates disassembly items of the Exterior, Mechanical parts, Unit Components, Circuit Board assemblies.

When reassembling, perform the steps in the reverse order unless noted in Reassembling Notes.

Note:

How to check the disassembly flowchart



^{*} This sample flowchart means the procedures 1 and 2 are required before the procedure 3, when disassembling C.

8.2 Exterior

TOP PREVIOUS NEXT

8.2.1 Rear Cover (with Post-imprinter Door)

8.2.2 Side Cover (R)

8.2.3 Switch Panel

8.2.4 Top Cover (R)

8.2.5 Exit Cover

8.2.6 Pre-imprinter Door

8.2.7 Side Cover (L)

8.2.8 Feed Unit Cover (L)

8.2.9 Feed Unit Cover

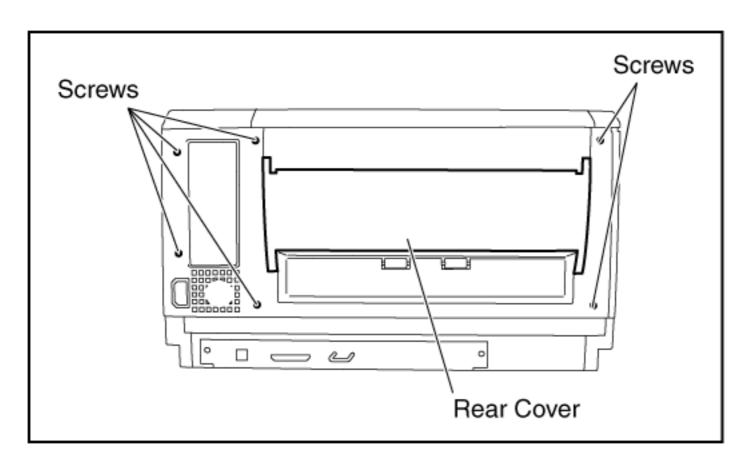
8.2.10 Hopper Unit

8.2.1 Rear Cover (with Post-imprinter Door)

TOP PREVIOUS NEXT

1. Remove the 6 screws and pull the Rear Cover (with Post-imprinter Door) to release it from the scanner.

(Back View)

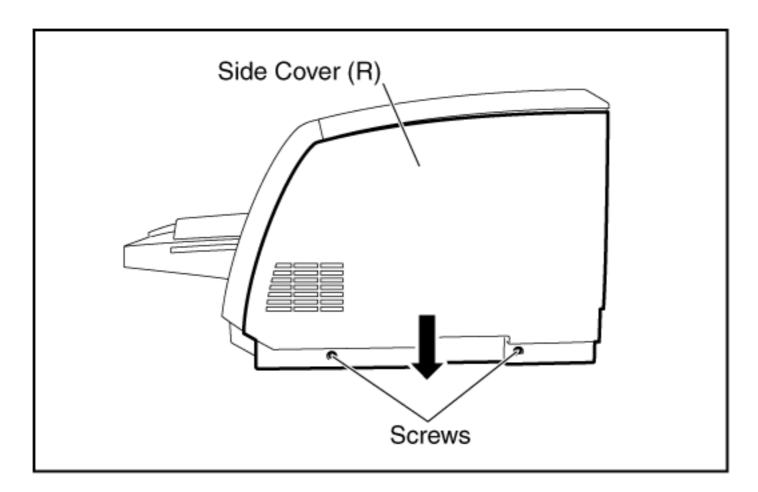


8.2.2 Side Cover (R)

TOP PREVIOUS NEXT

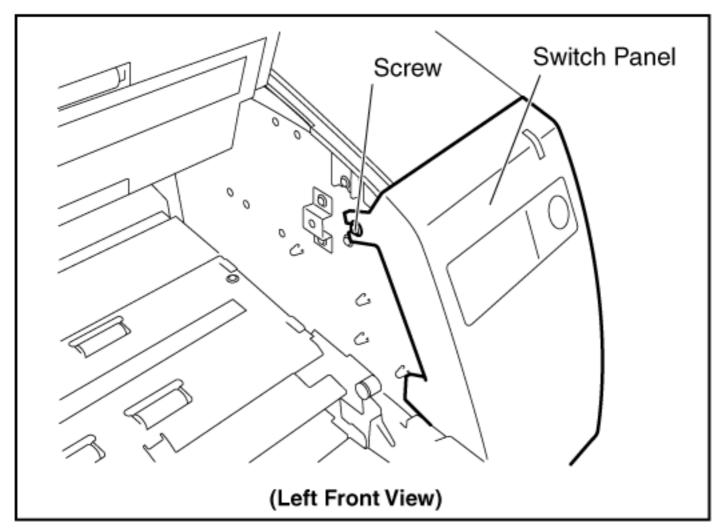
- 1. Remove the 2 screws.
- 2. Remove the Side Cover (R), pushing down it in the direction of the arrow.

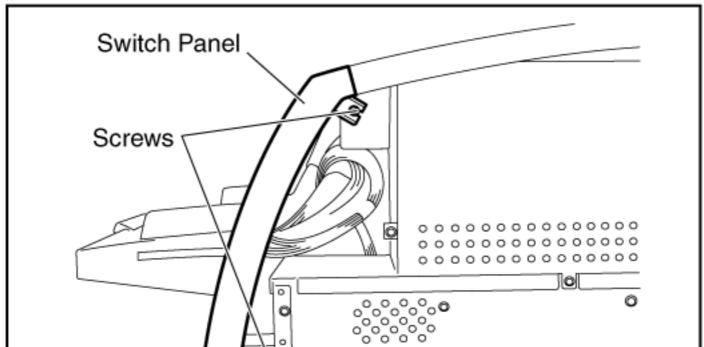
(Right Side View)

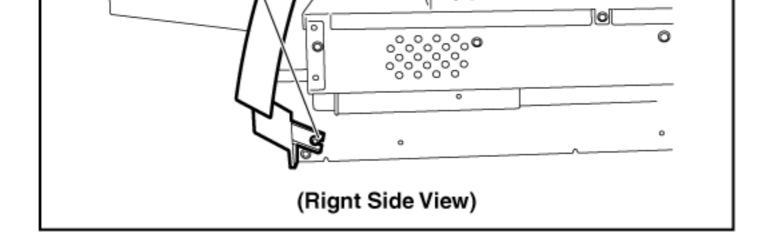


8.2.3 Switch Panel

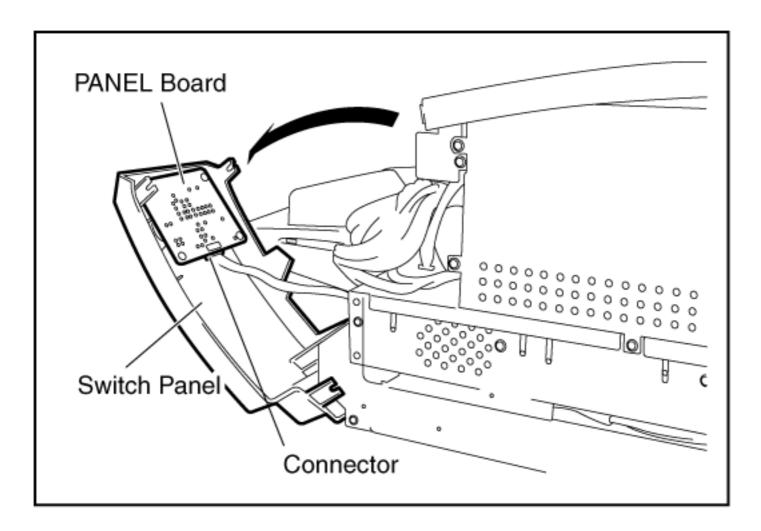
- 1. Remove the Side Cover (R). (See 8.2.2.)
- 2. Remove the 3 screws.





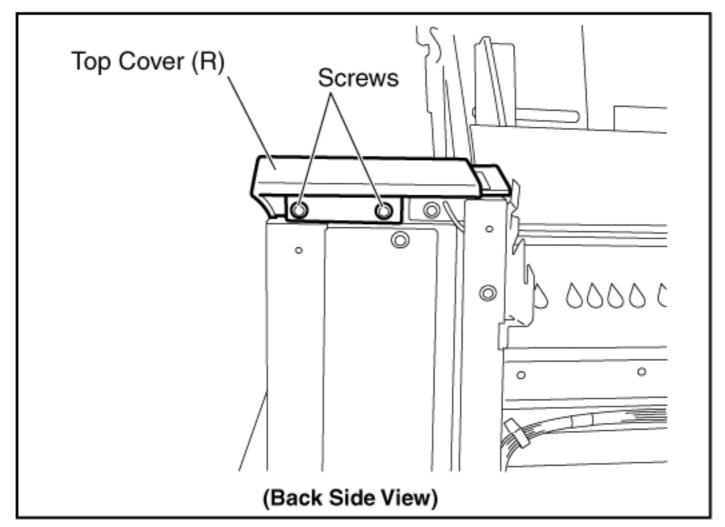


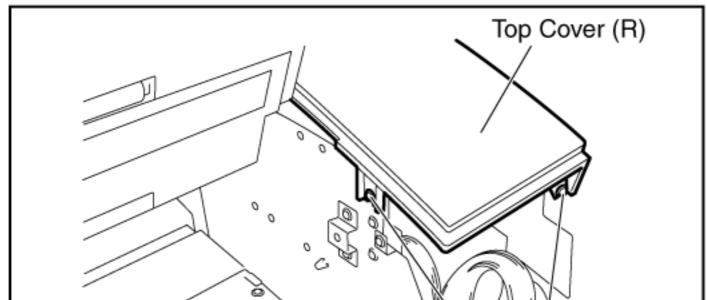
1. Pull the Switch Panel forward and disconnect the connector to PANEL Board to release the panel from the scanner.

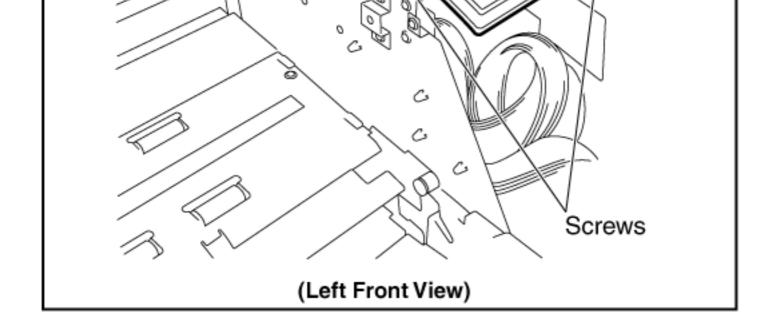


8.2.4 Top Cover (R)

- 1. Remove the Rear Cover. (See 8.2.1.)
- 2. Remove the Switch Panel. (See 8.2.3.)
- 3. Remove the 4 screws, and pull up the Top Cover (R).







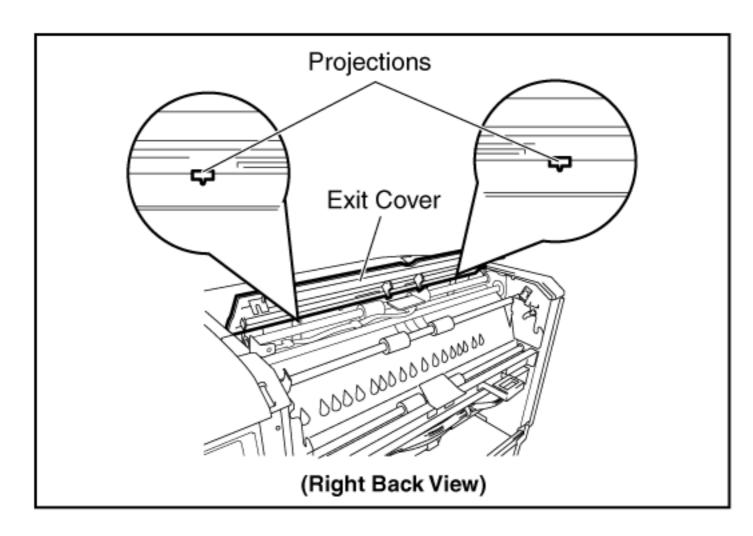
8.2.5 Exit Cover

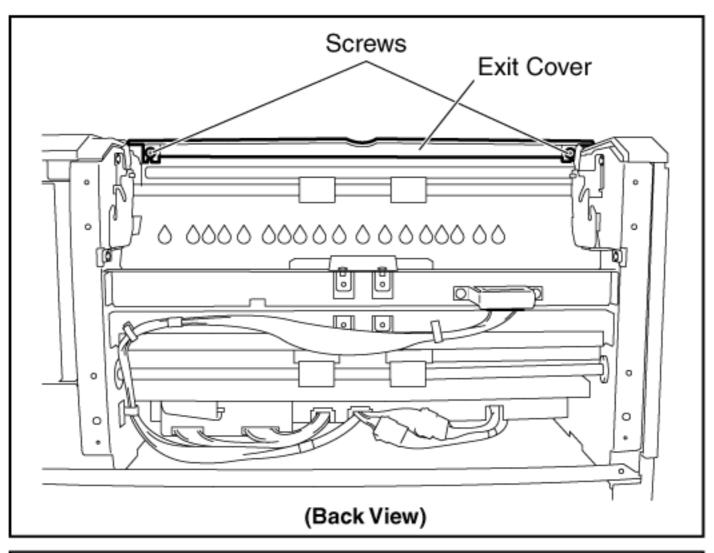
TOP PREVIOUS NEXT

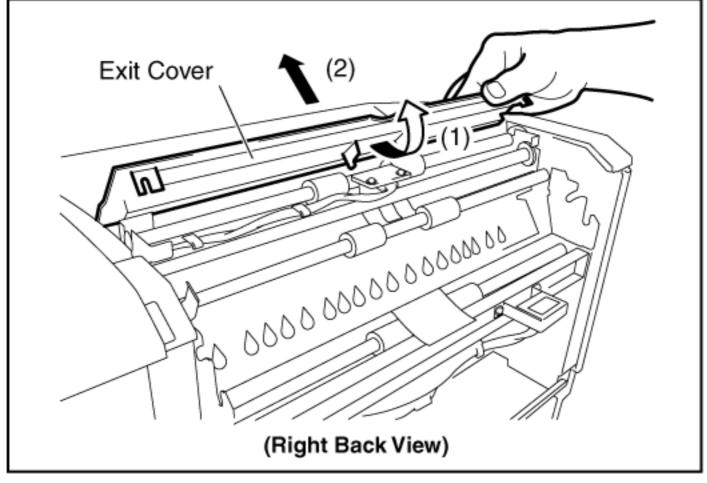
- 1. Remove the Rear Cover with Post-imprinter Door. (See 8.2.1.)
- 2. Remove the 2 screws and pull the Exit Cover in the direction of the arrows (1) to (2).

Reassembling Note

Be sure to attach the Exit Cover, hanging the 2 projections of the cover to both holes of the plate.





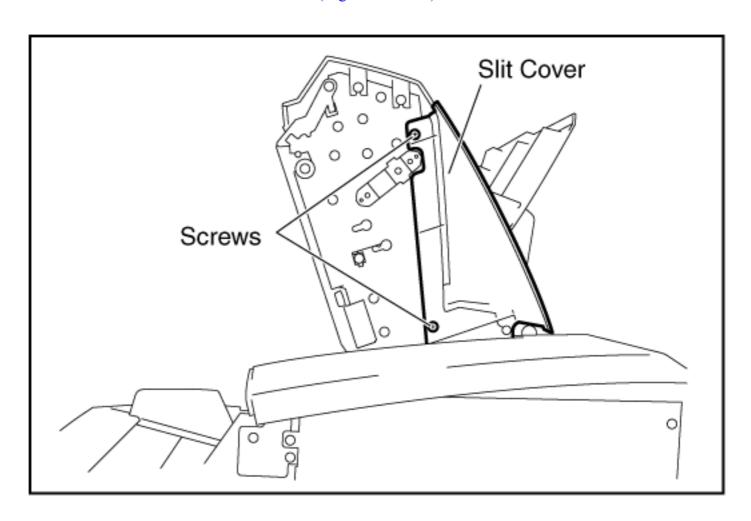


8.2.6 Pre-imprinter Door

TOP PREVIOUS NEXT

- 1. Remove the Exit Cover. (See 8.2.5.)
- 2. Remove the 2 screws and Slit Cover.

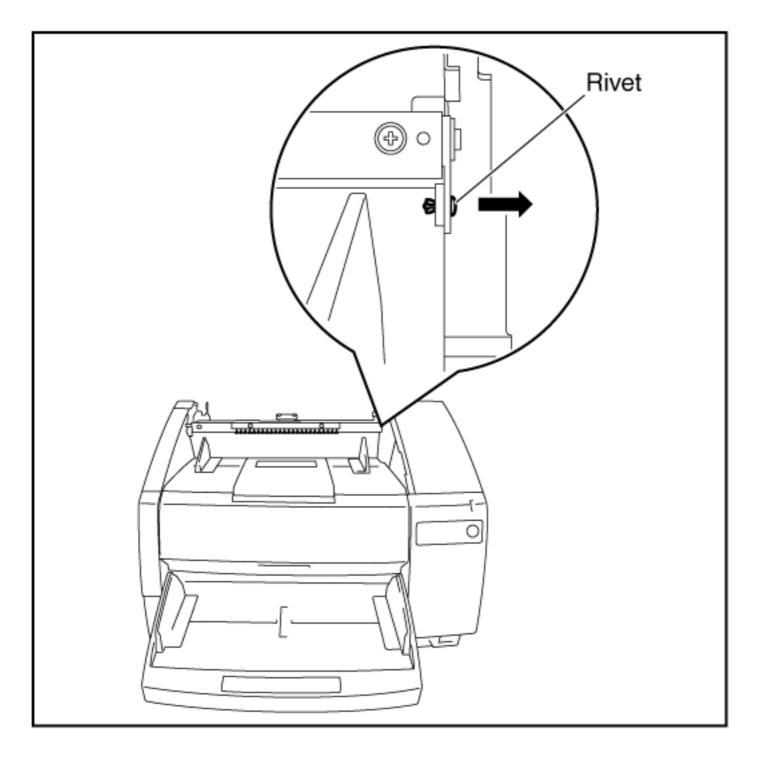
(Right Side View)



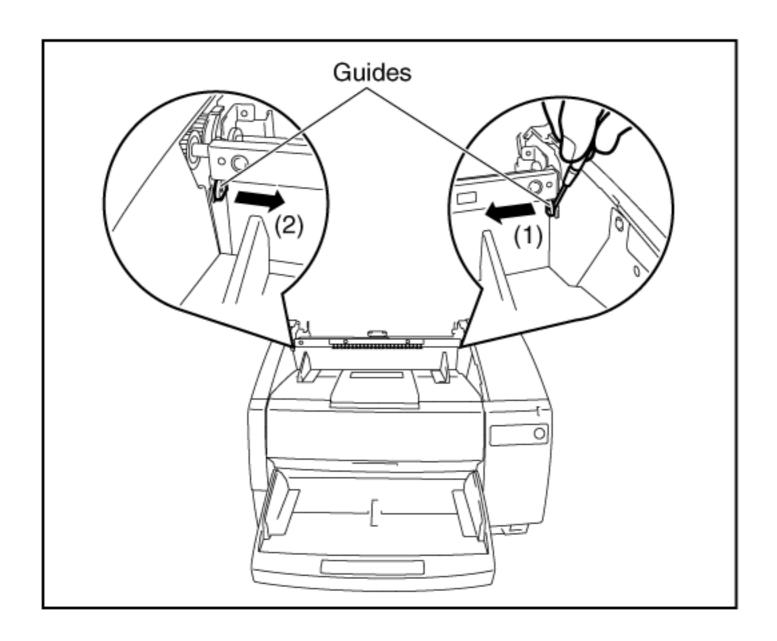
1. Remove the rivet by pulling out it while holding the heel in the direction of arrow.

Note:

Be careful not to drop the rivet in the scanner.



1. Remove the Pre-imprinter Door, releasing the 2 guides on both sides of the door from the scanner in the direction of the arrows.

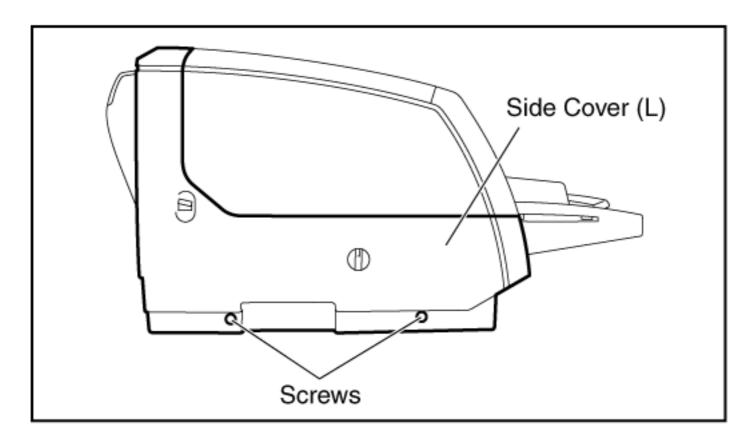


8.2.7 Side Cover (L)

TOP PREVIOUS NEXT

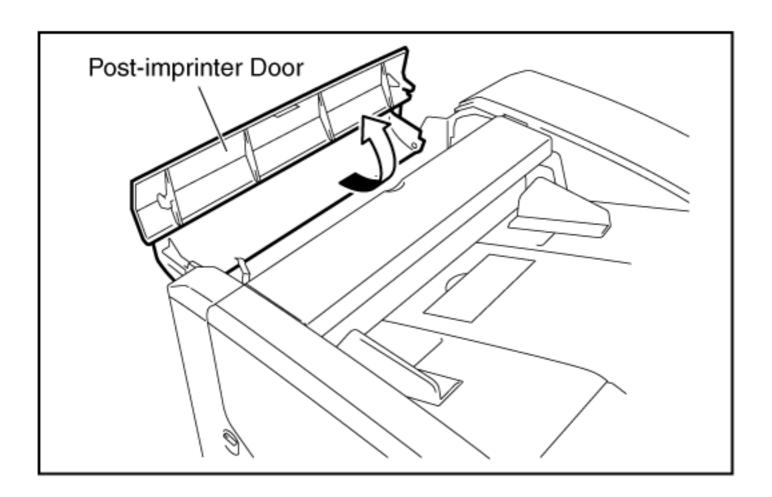
1. Remove the 2 screws.

(Left Side View)

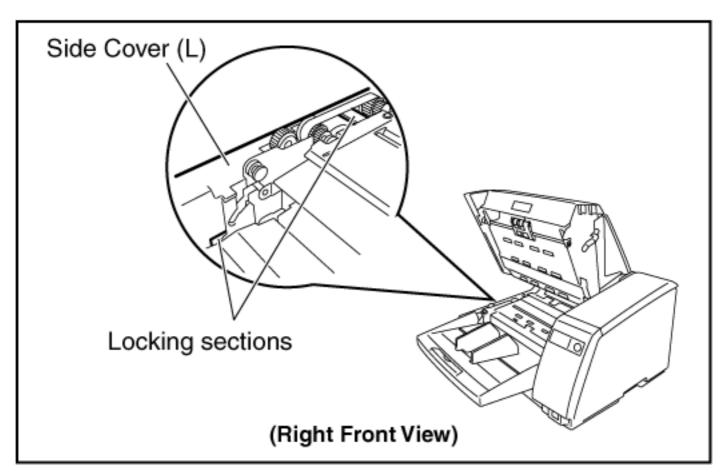


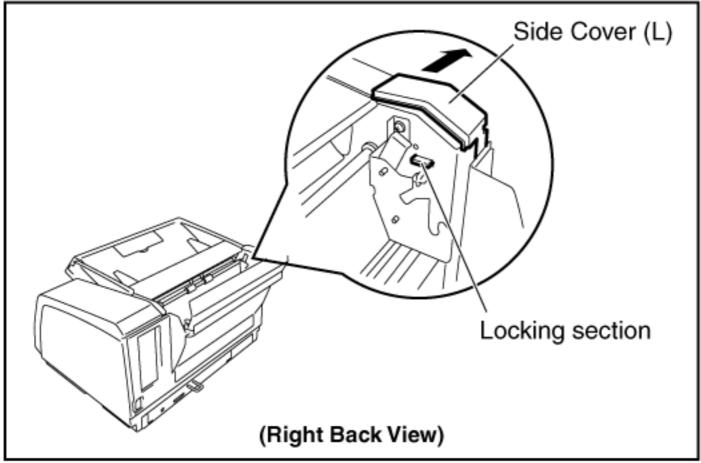
- 1. Pull the Front Door Release to open the Front Door.
- 2. Open the Post-imprinter Door.

(Left Front View)



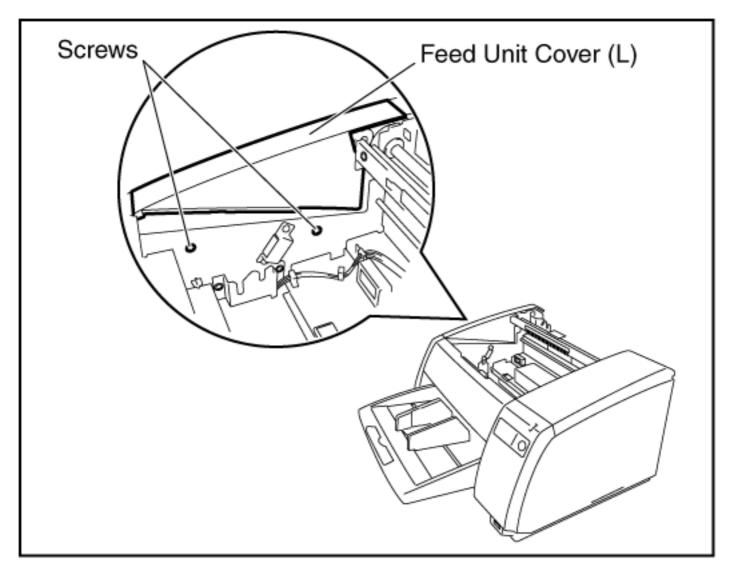
1. Push down the 3 locking sections to release the Side Cover (L) from the scanner in the direction of the arrow.

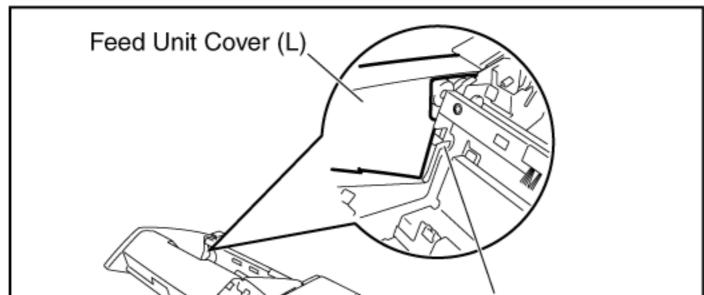


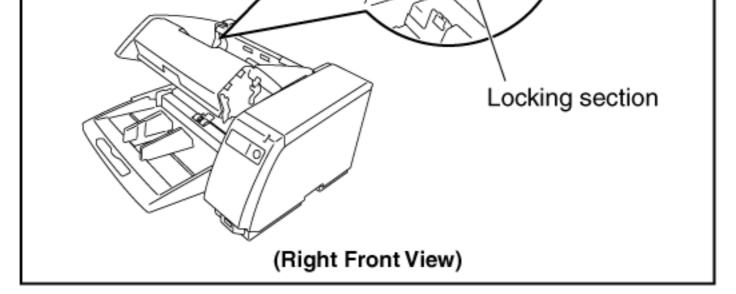


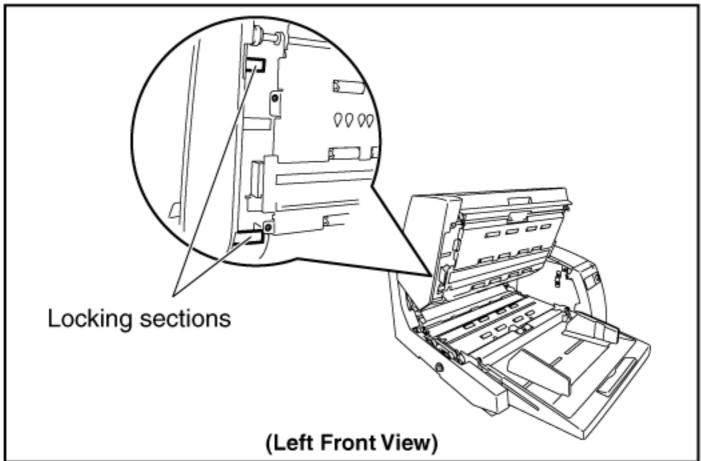
8.2.8 Feed Unit Cover (L)

- 1. Remove the Pre-imprinter Door. (See 8.2.6.)
- 2. Remove the 2 screws and release the 3 locking sections to release the Feed Unit Cover (L) from the scanner.



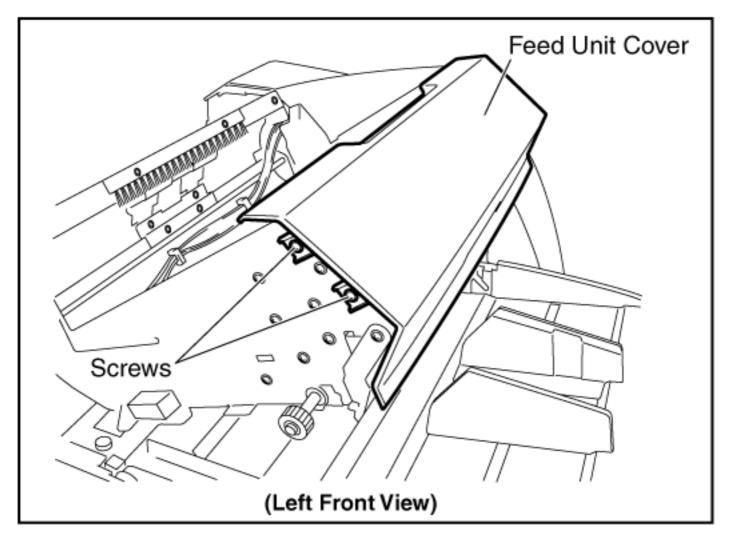


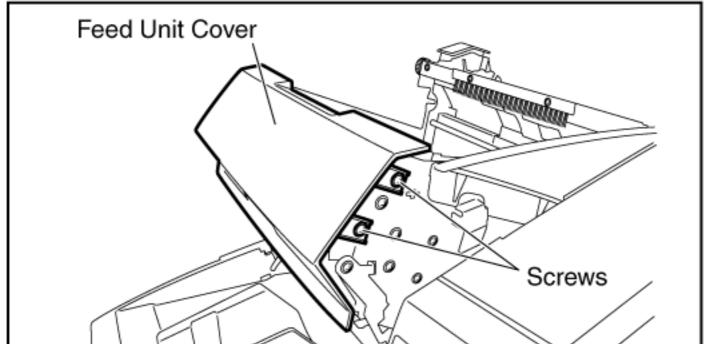


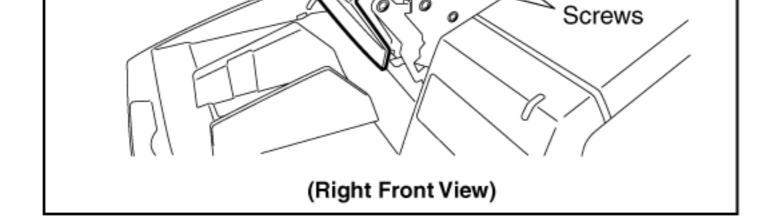


8.2.9 Feed Unit Cover

- 1. Remove the Feed Unit Cover (L). (See 8.2.8.)
- 2. Remove the 4 screws and Feed Unit Cover.

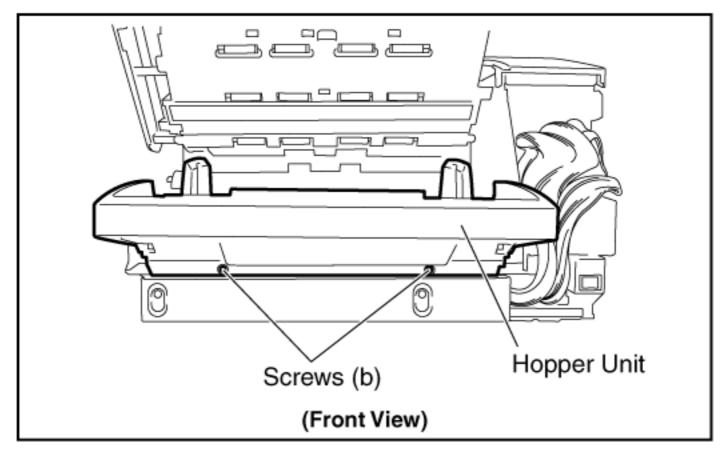


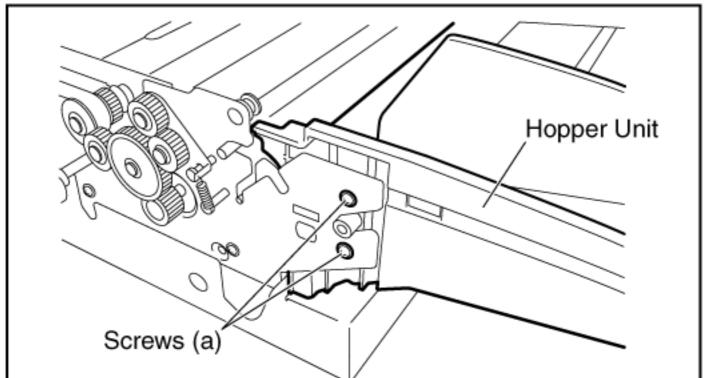


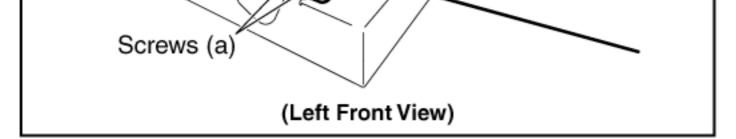


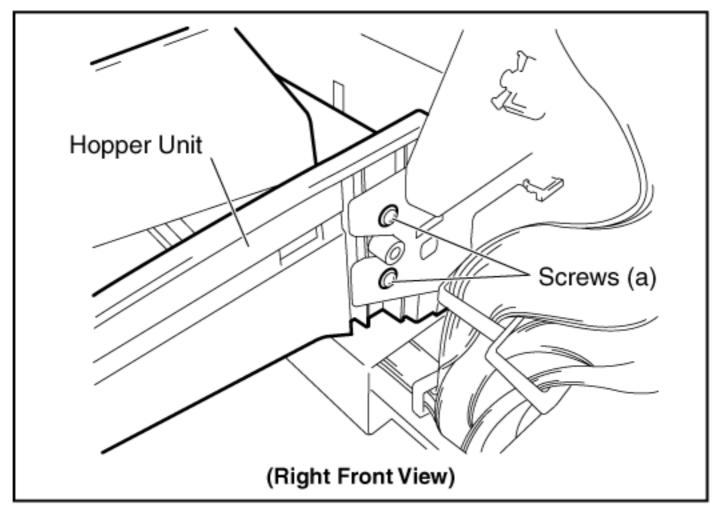
8.2.10 Hopper Unit

- 1. Remove the Switch Panel. (See 8.2.3.)
- 2. Remove the Side Cover (L). (See 8.2.7.)
- 3. Remove the 4 screws (a) and 2 screws (b).





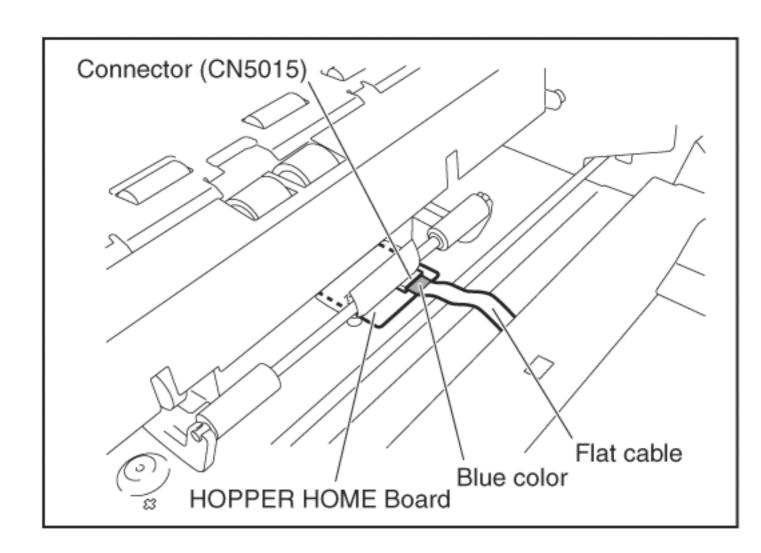


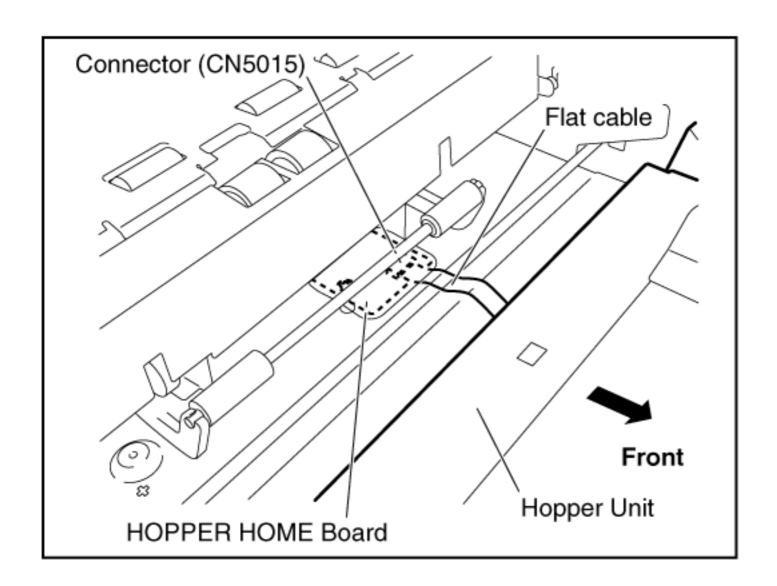


1. Pull the Hopper Unit forward slightly and disconnect the flat cable to CN5015 on the HOPPER HOME Board to release the unit from the scanner.

Reassembling Note:

The flat cable with blue color (connected to CN5015) should be in the upper side.





8.3 Unit Components

TOP PREVIOUS NEXT
8.3.1 Image Sensor Cover (F)
8.3.2 Conveyor Upper 2
8.3.3 Conveyor Upper 3
8.3.4 Paper Feed Roller Module
8.3.5 CIS (F) & Lamp Drive (F) Board
8.3.6 Retard Roller
8.3.7 Image Sensor Cover (B)
8.3.8 Conveyor Lower 2
8.3.9 Drive Belt
8.3.9 Drive Belt 8.3.10 Drive Rollers 1, 2, 3
8.3.10 Drive Rollers 1, 2, 3
8.3.10 Drive Rollers 1, 2, 3 8.3.11 CIS (B) & Lamp Drive (B) Board
8.3.10 Drive Rollers 1, 2, 3 8.3.11 CIS (B) & Lamp Drive (B) Board 8.3.12 Conveyor Motor
8.3.10 Drive Rollers 1, 2, 3 8.3.11 CIS (B) & Lamp Drive (B) Board 8.3.12 Conveyor Motor 8.3.13 Paper Feed Motor
8.3.10 Drive Rollers 1, 2, 3 8.3.11 CIS (B) & Lamp Drive (B) Board 8.3.12 Conveyor Motor 8.3.13 Paper Feed Motor 8.3.14 Straight Exit Roller
8.3.10 Drive Rollers 1, 2, 3 8.3.11 CIS (B) & Lamp Drive (B) Board 8.3.12 Conveyor Motor 8.3.13 Paper Feed Motor 8.3.14 Straight Exit Roller 8.3.15 Turn Conveyor (Outer)

8.3.18 Turn Conveyor (Inner)

8.3.19 Board Box Cover

8.3.20 Board Box Unit

8.3.21 Front Door Switch

8.3.22 Gas Spring

8.3.1 Image Sensor Cover (F)

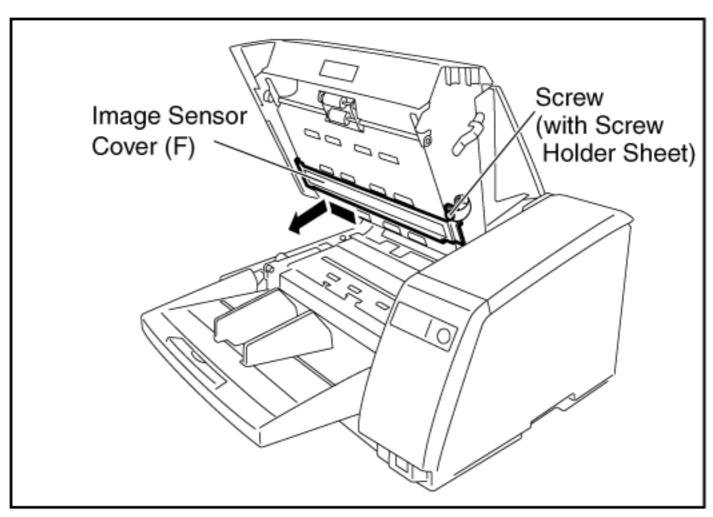
TOP PREVIOUS NEXT

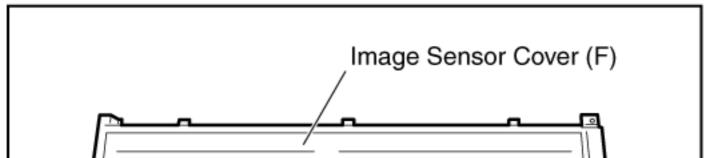


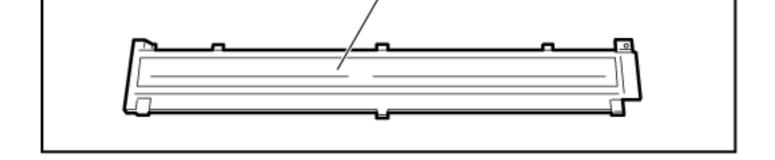
The Image Sensor Cover (F) and its surroundings may be hot after scanning a lot of documents continuously.

Be sure to allow the inside of the scanner to cool down before performing any maintenance or coming in contact with the inside ofthe unit.

- 1. Remove the screw with Screw Holder Sheet.
- 2. Slide Image Sensor Cover (F) in the direction of the arrow to release it from the scanner.







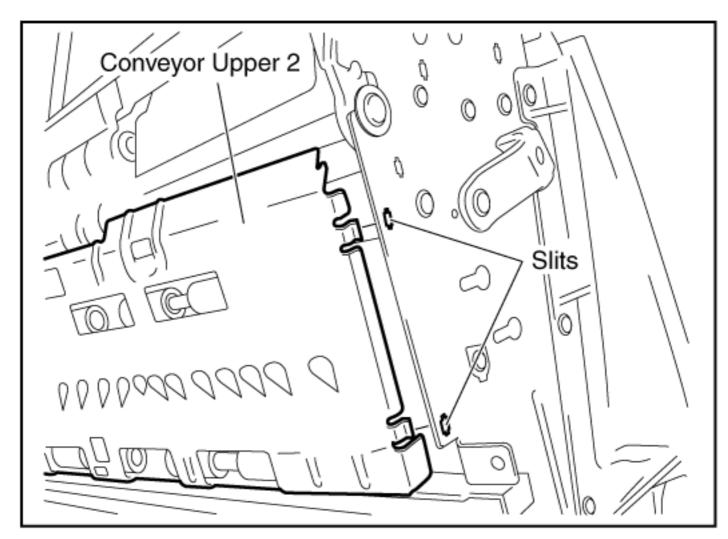
8.3.2 Conveyor Upper 2

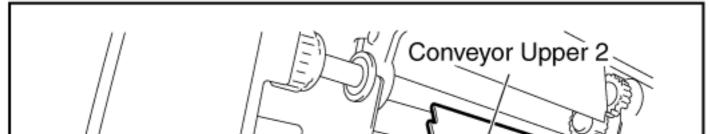
TOP PREVIOUS NEXT

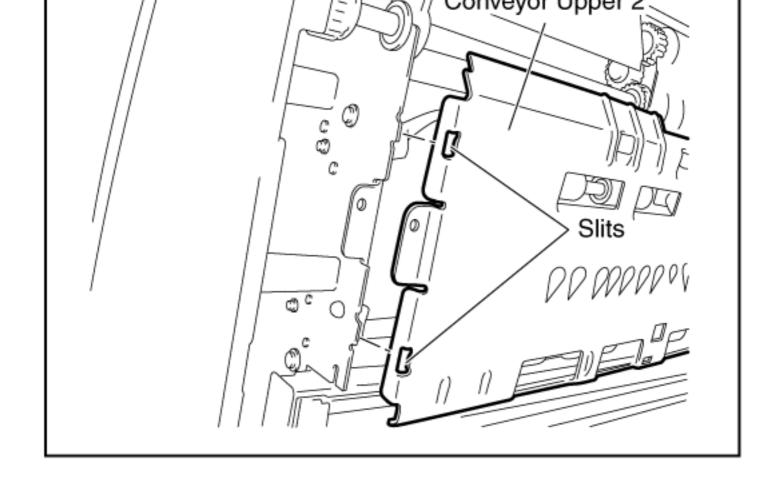
- 1. Remove the Image Sensor Cover (F). (See 8.3.1.)
- 2. Remove the screw.
- 3. Slide the Conveyor Upper 2 in the direction of the arrows (1) to (2), holding the plate surface to release it from the scanner.

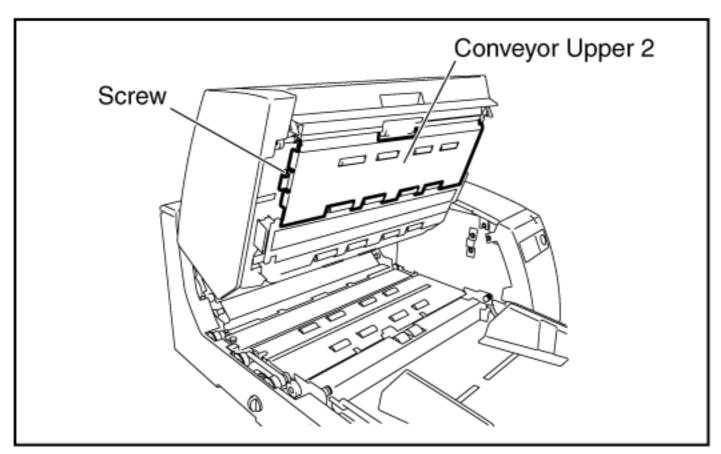
Reassembling Note:

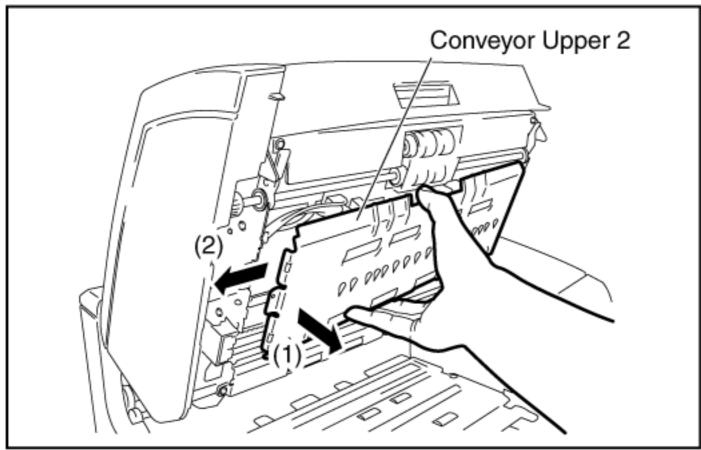
When reattaching the Conveyor Upper 2, be sure to fasten the screw after inserting the conveyor to the slits on the right side of the scanner, seen from the front. Otherwise, paper jamming may occur when scanning.







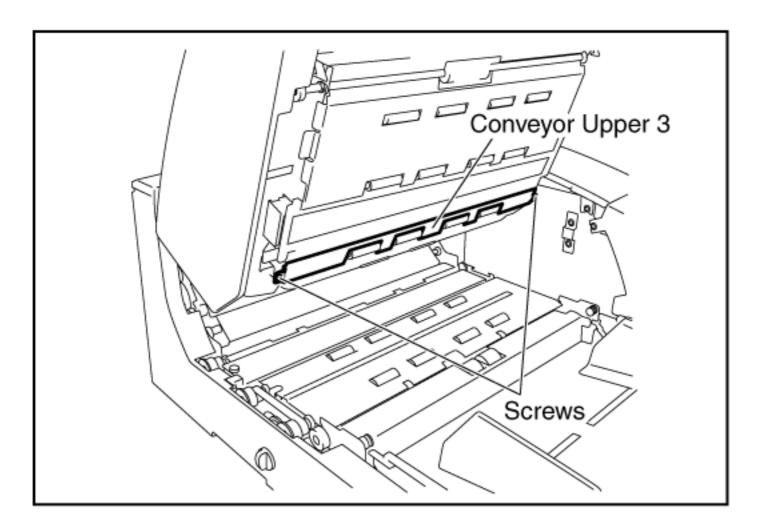




8.3.3 Conveyor Upper 3

TOP PREVIOUS NEXT

- 1. Remove the Image Sensor Cover (F). (See 8.3.1.)
- 2. Remove the 2 screws and Conveyor Upper 3.



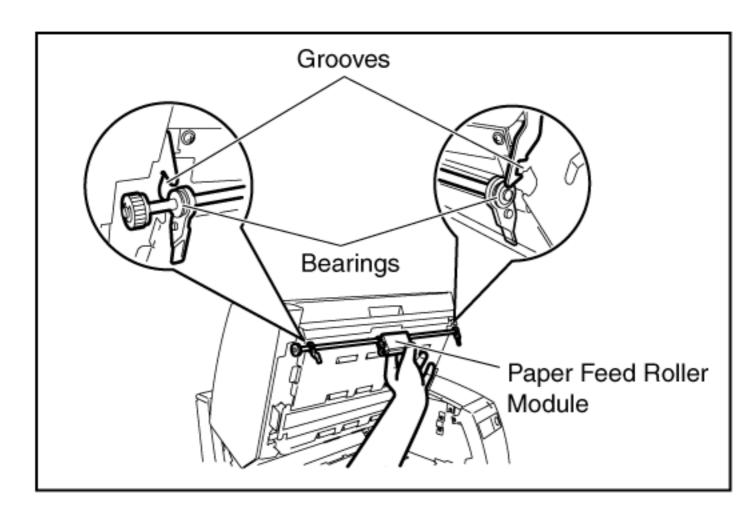
8.3.4 Paper Feed Roller Module

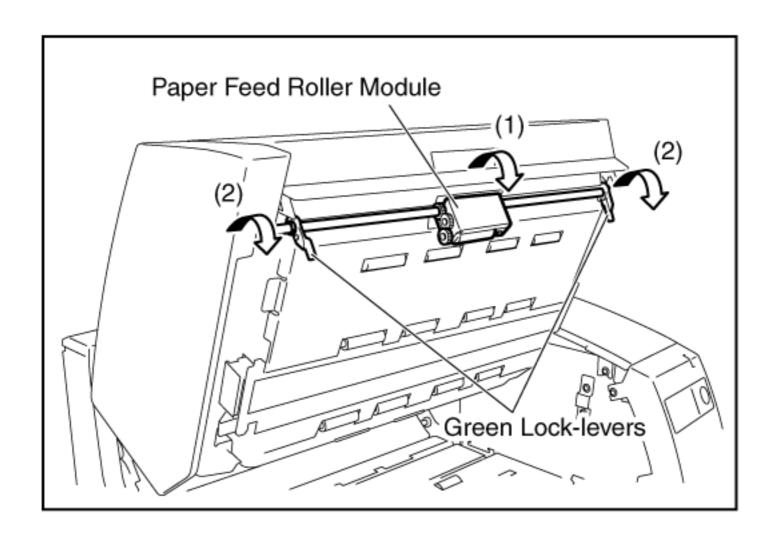
TOP PREVIOUS NEXT

- 1. Pull down the Paper Feed Module in the direction of the arrow (1), hanging your finger on the center shaft of the module.
- 2. Push down the Green Lock-levers on both sides in the direction of the arrows (2) to release and remove the Paper Feed Module from the scanner.

Reassembling Note:

Be sure to match both bearings of the module with the guide grooves on both sides of the chassis.

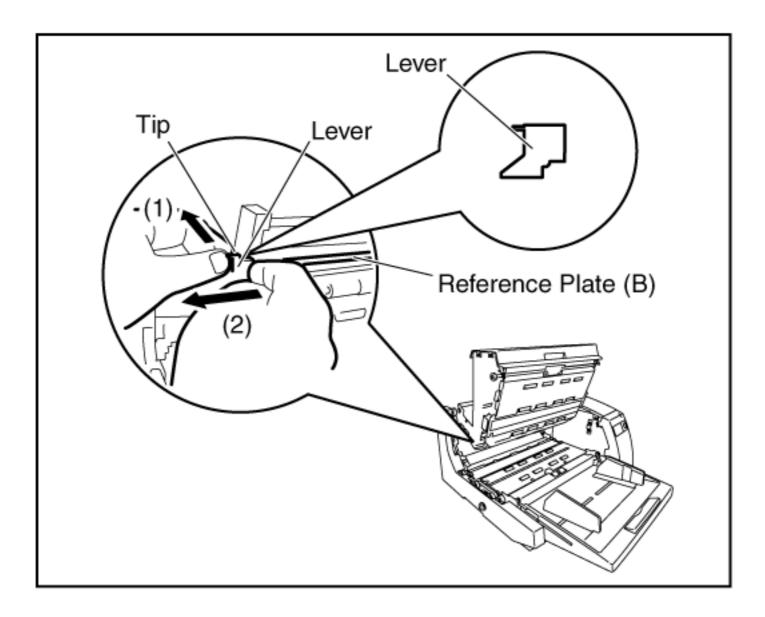




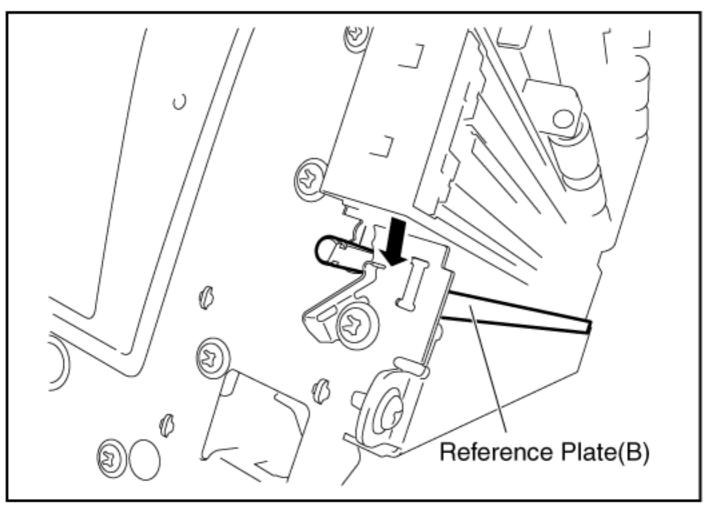
8.3.5 CIS (F)& Lamp Drive (F) Board

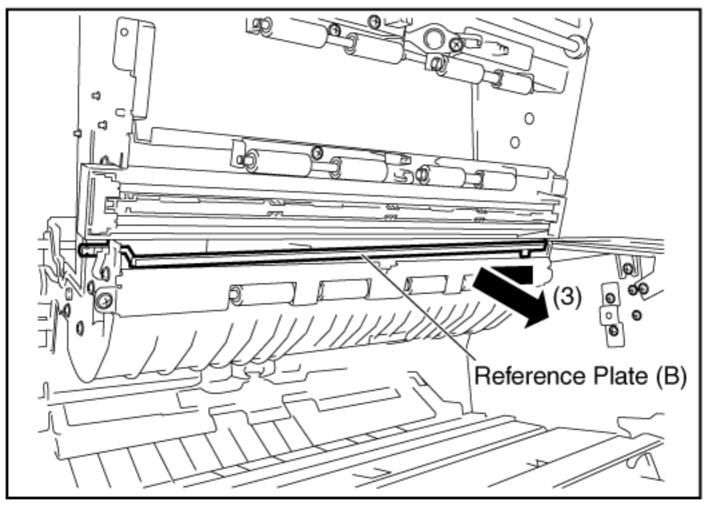
TOP PREVIOUS NEXT

- 1. Remove the RELAY (UPPER) Board. (See 8.4.5.)
- 2. Remove the Feed Unit Cover (L). (See 8.2.8.)
- 3. Remove the Conveyor Upper 2. (See 8.3.2.)
- 4. Pull the lever of the Reference Plate (B) in the direction of the arrow (2), releasing the tip of the lever in the direction of the arrow (1).

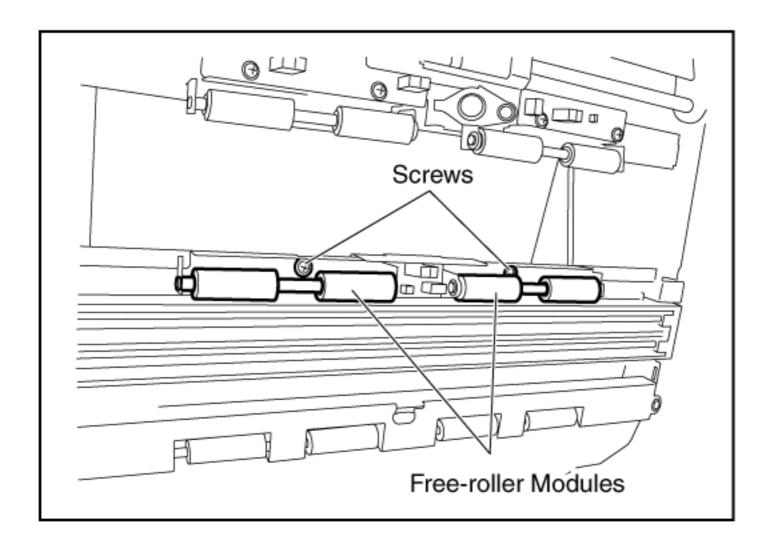


1. Unlock the Reference Plate (B) from the notching hole and remove the plate in the direction of the arrow (3).

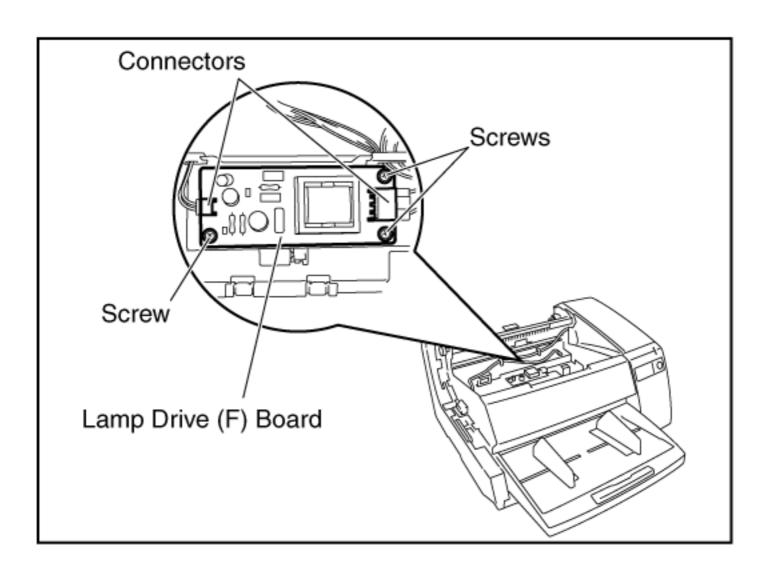




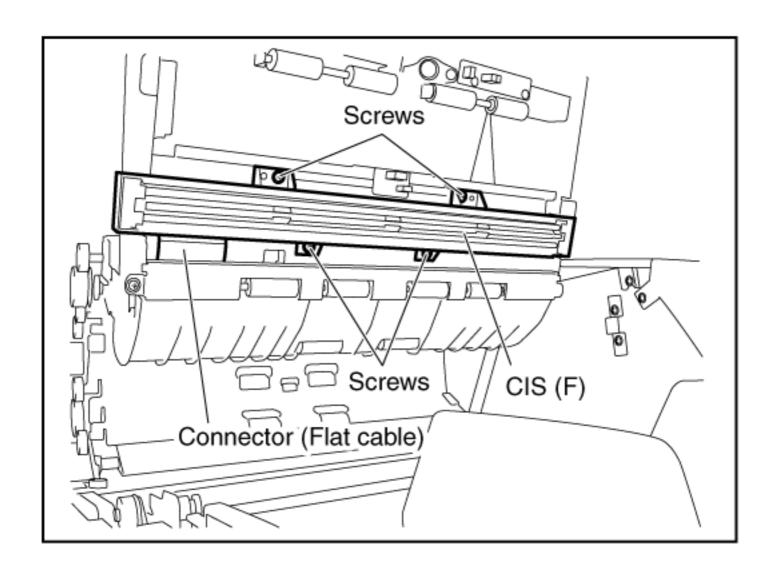
1. Remove the 2 screws to release the 2 Free-roller Modules from the scanner.



1. Disconnect the 2 connectors and remove 3 screws on the Lamp Drive (F) Board.



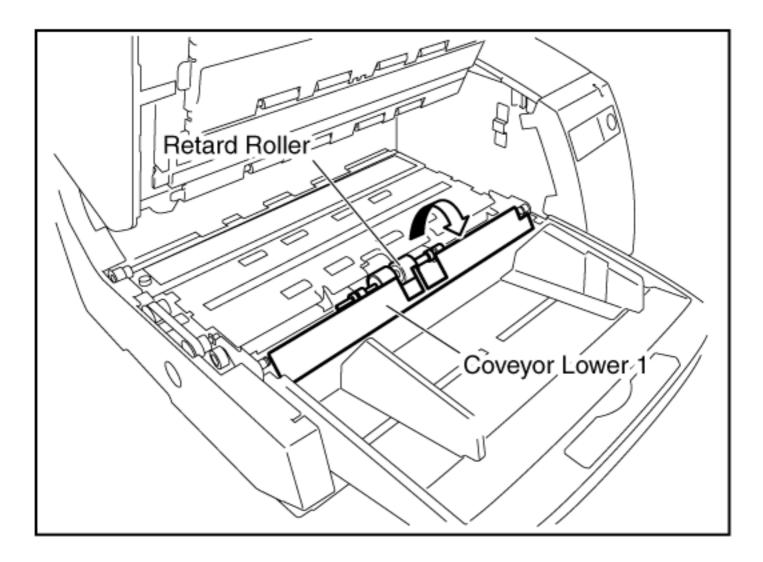
1. Remove the 4 screws, and disconnect the connector (Flat cable) to the CIS (F) RELAY Board. And release the CIS (F) from the scanner.



8.3.6 Retard Roller

TOP PREVIOUS NEXT

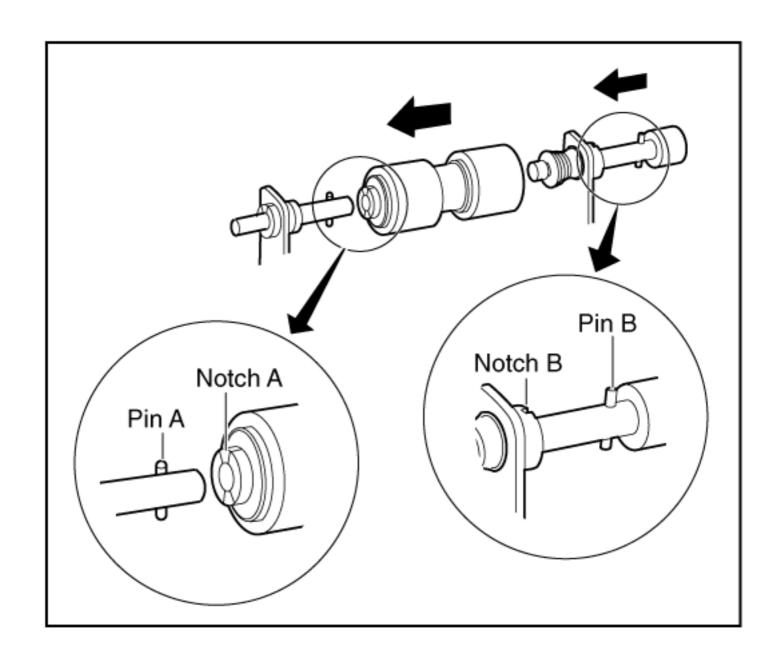
1. Open the Conveyor Lower 1 in the direction of the arrow shown in the figure.

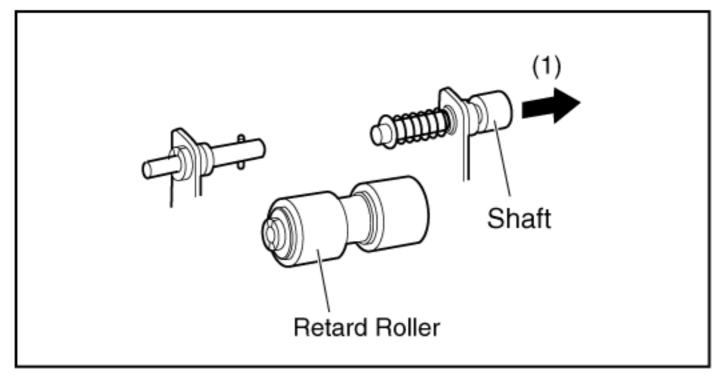


1. Pull the Shaft in the direction of the arrow (1) to release and remove the Retard Roller.

Reassembling Note:

Pay attention to the roller attachment so that pins A, B are inserted in each Notch A, B surely. Otherwise, a double-feeding or paper jamming may occur.





8.3.7 Image Sensor Cover (B)

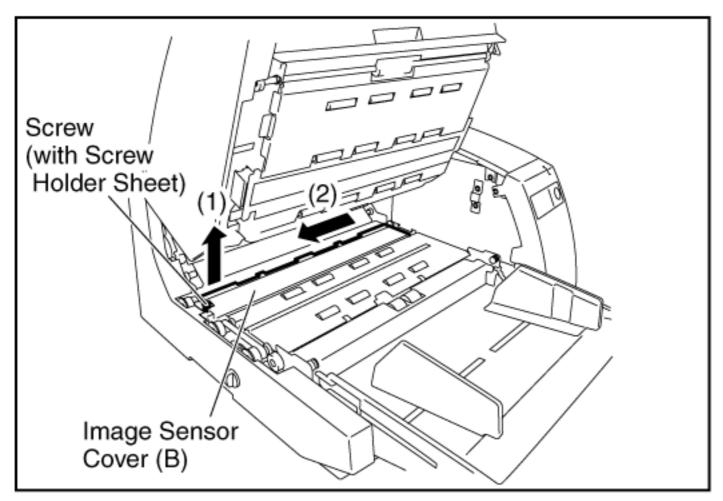
TOP PREVIOUS NEXT

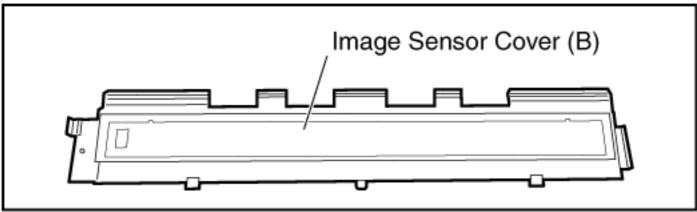


The Image Sensor Cover (B) and its surroundings may be hot after scanning a lot of documents continuously.

Be sure to allow the inside of the scanner to cool down before performing any maintenance or coming in contact with the inside ofthe unit.

- 1. Remove the screw with Screw Holder Sheet.
- 2. Slide the Image Sensor Cover (B) (wider than Image Sensor Cover (F)) in the direction of the arrows (1) to (2) to release it from the scanner.

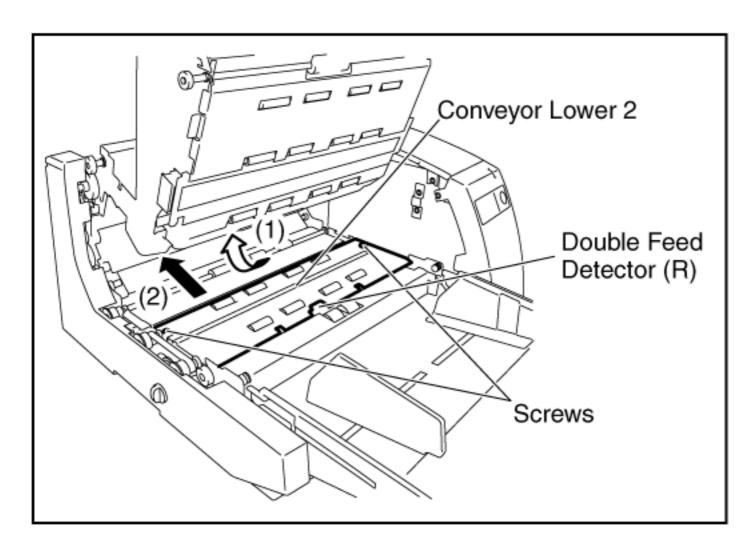




8.3.8 Conveyor Lower 2

TOP PREVIOUS NEXT

- 1. Remove the Image Sensor Cover (B). (See 8.3.7.)
- 2. Remove the Feed Unit Cover (L). (See 8.2.8.)
- 3. Remove the 2 screws.
- 4. Take out the Conveyor Lower 2 in the direction of the arrows (1) to (2) not to tough the edge of the conveyor to the Double Feed Detector (R).



8.3.9 Drive Belt

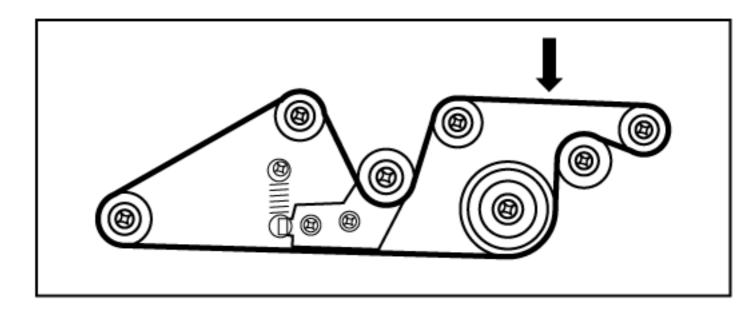
TOP PREVIOUS NEXT

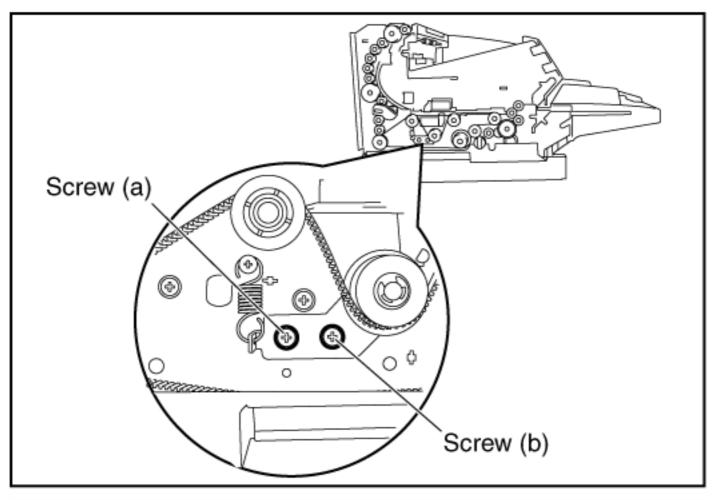
- 1. Remove the Conveyor Lower 2. (See 8.3.8.)
- 2. Remove the Side Cover (L). (See 8.2.7.)
- 3. Loosen the screw (a) and screw (b).
- 4. Slide down the spring until it goes and fasten the screw (a).
- 5. Remove the Drive Belt.

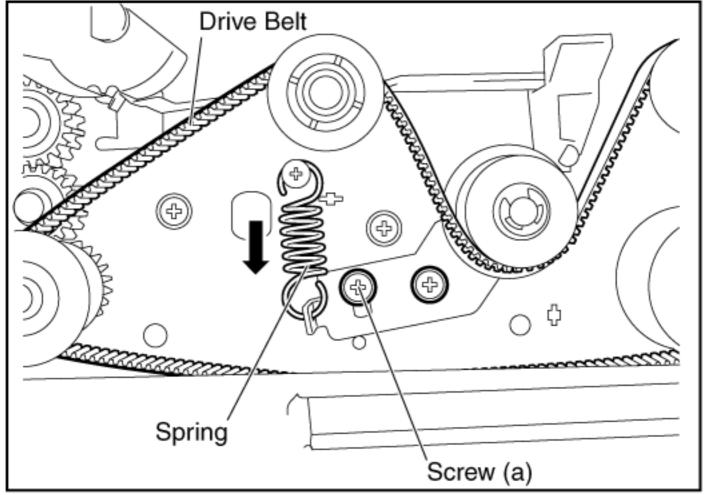
Reassembling Note:

BELT LAYOUT

Tension of the belt: Adjust the belt tension having about 5 mm bent by pressing the arrow point by finger tip with 5 N.

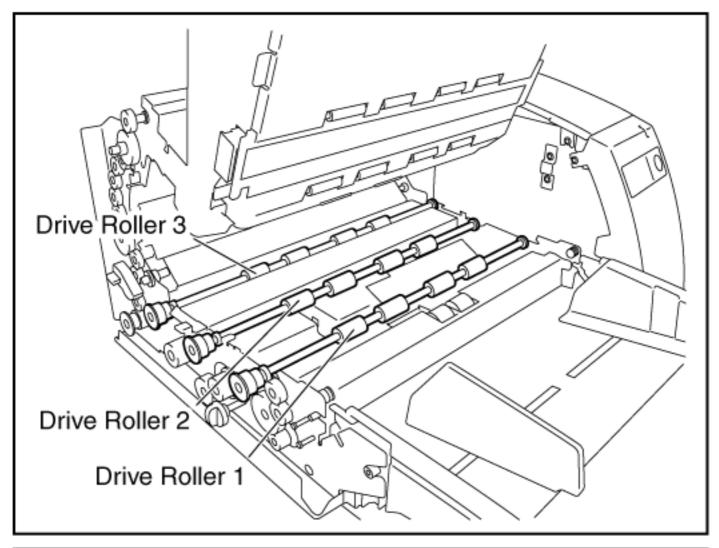


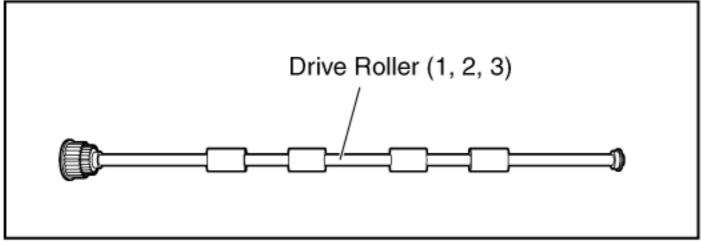




8.3.10 Drive Rollers 1, 2, 3

- 1. Remove the Drive Belt. (See 8.3.9.)
- 2. Unlock the Drive Rollers 1, 2, and 3 from the notching holes of the chassis and remove them.

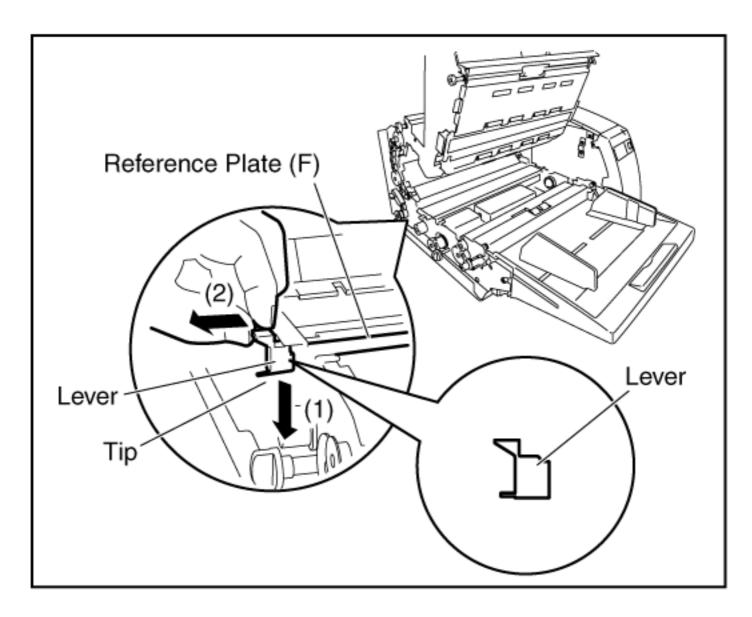




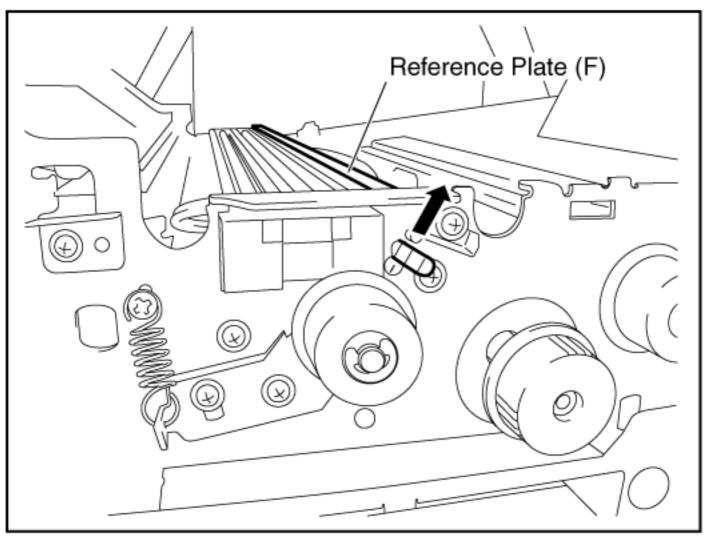
8.3.11 CIS (B)& Lamp Drive (B) Board

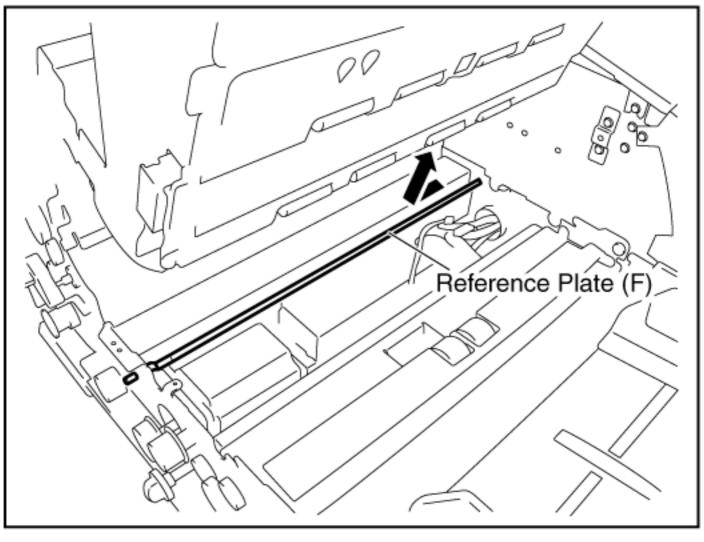
TOP PREVIOUS NEXT

- 1. Remove the Drive Rollers 1, 2, and 3. (See 8.3.10.)
- 2. Remove the RELAY (LOWER) Board. (See 8.4.13.)
- 3. Pull the Lever of the Reference Plate (F) in the direction of the arrow (2), releasing the tip of the Lever in the direction of the arrow (1).

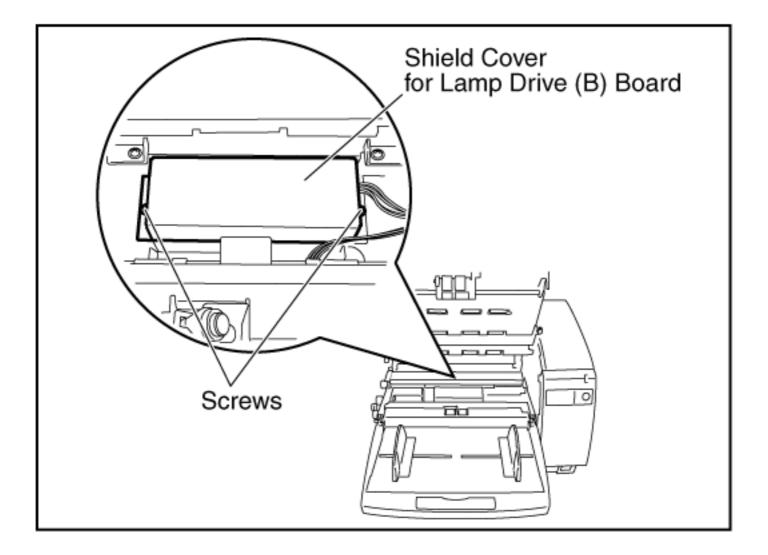


1. Unlock the Reference Plate (F) from the notching hole and remove the plate longer than Reference Plate (B) located at the upper.

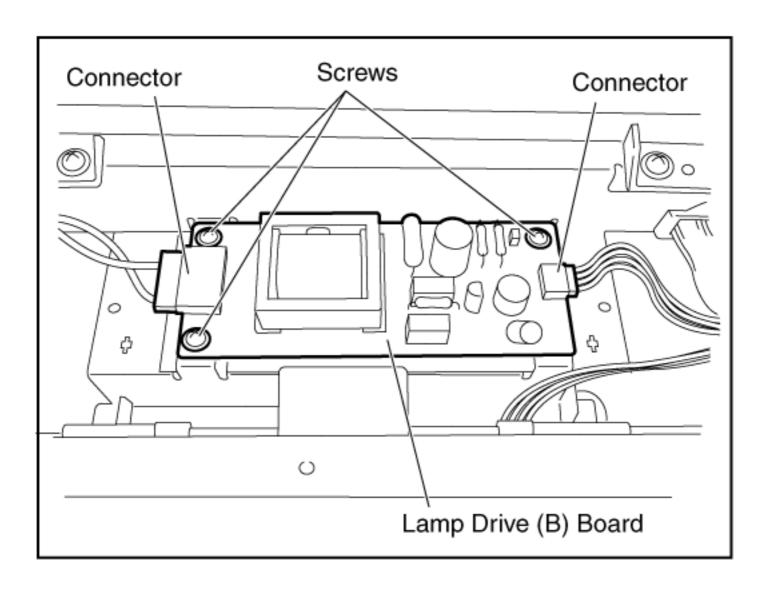




1. Remove the 2 screws and Shield Cover for Lamp Drive (B) Board.

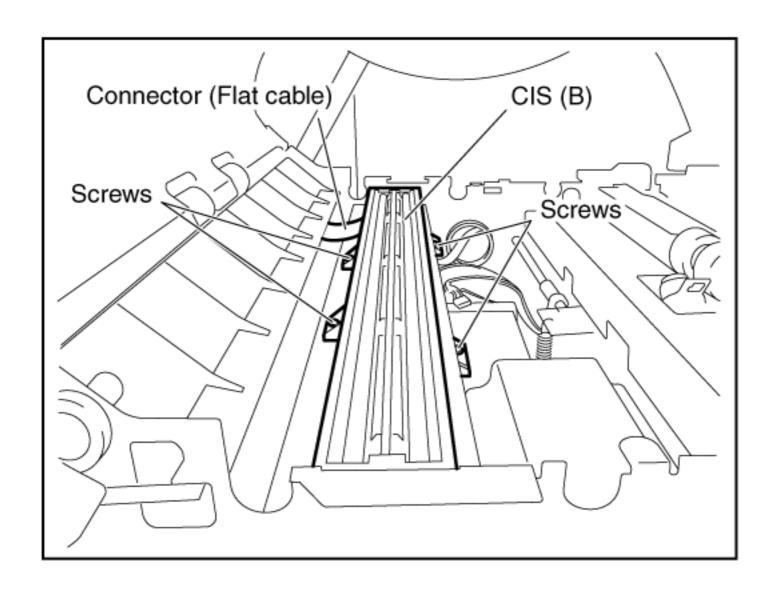


1. Disconnect the 2 connectors and remove the 3 screws on the Lamp Drive (B) Board.



1. Remove the 4 screws, and disconnect the connector (Flat cable) to the CIS (B) RELAY Board. And release the CIS (B) from the scanner.

(Left Side View)

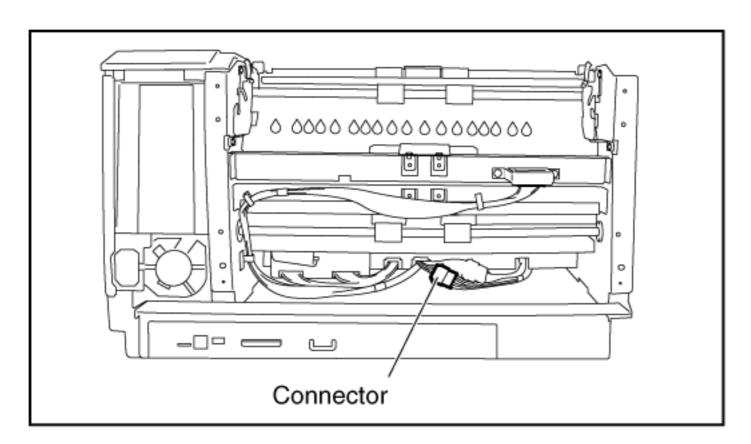


8.3.12 Conveyor Motor

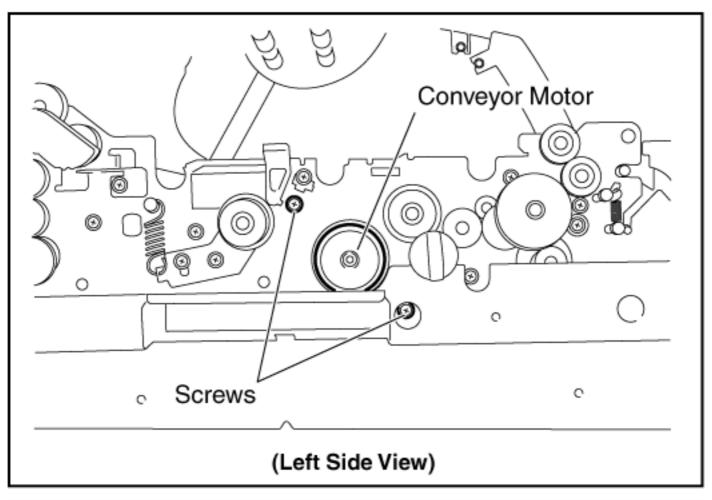
TOP PREVIOUS NEXT

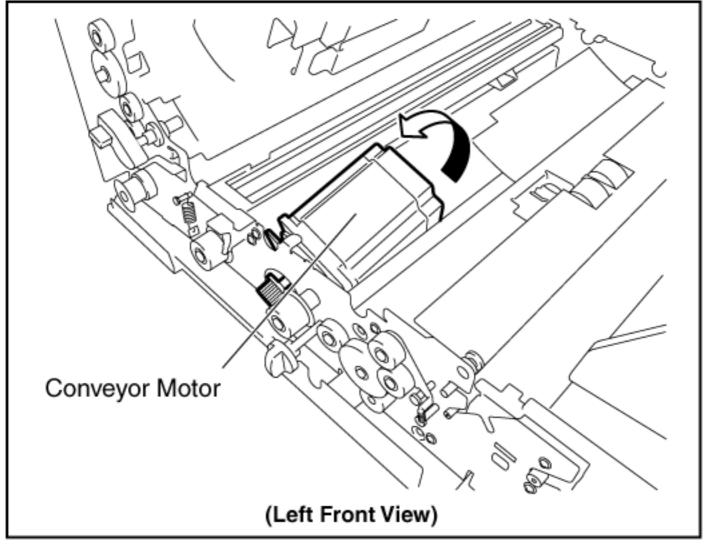
- 1. Remove the Drive Roller 1, 2, and 3. (See 8.3.10.)
- 2. Remove the Rear Cover with Post-imprinter Door. (See 8.2.1.)
- 3. Disconnect the relay-connector (Wire color: Blue and white at the POWER RELAY Board s side) to the POWER RELAY Board.

(Back Side View)



1. Remove the 2 screws and pull the Conveyor Motor in the direction of the arrow to remove it.



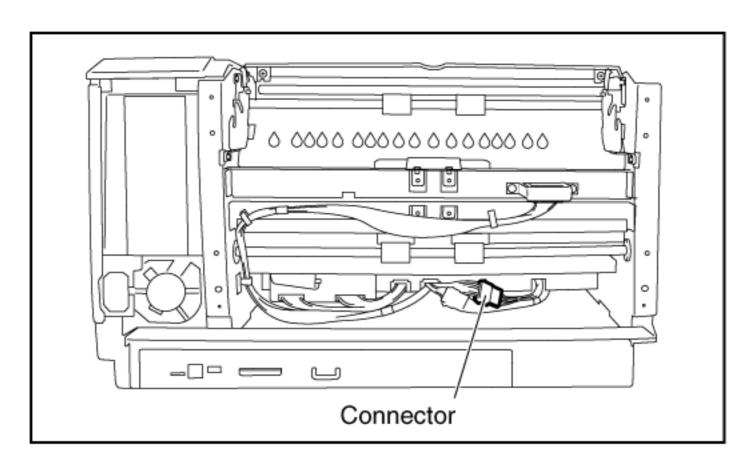


8.3.13 Paper Feed Motor

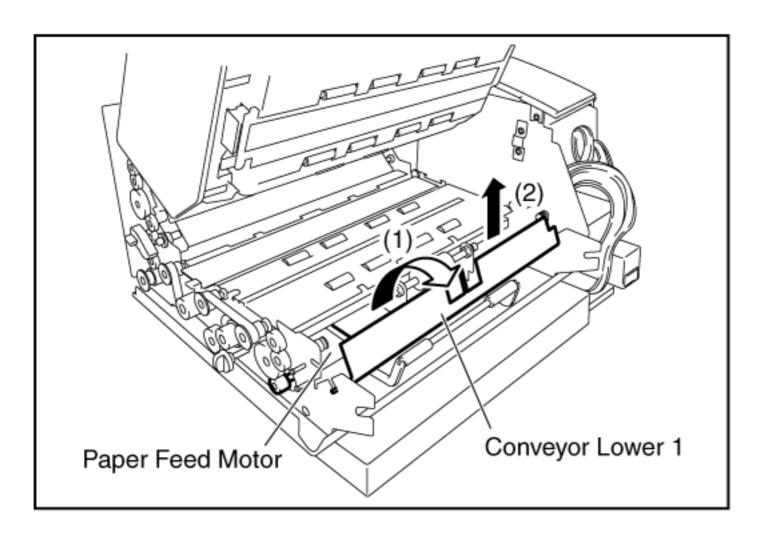
TOP PREVIOUS NEXT

- 1. Remove the Rear Cover with Post-imprinter Door. (See 8.2.1.)
- 2. Remove the Hopper Unit. (See 8.2.10.)
- 3. Disconnect the relay-connector (Wire color: Yellow and white at the POWER RELAY Board s side) to the POWER RELAY Board.

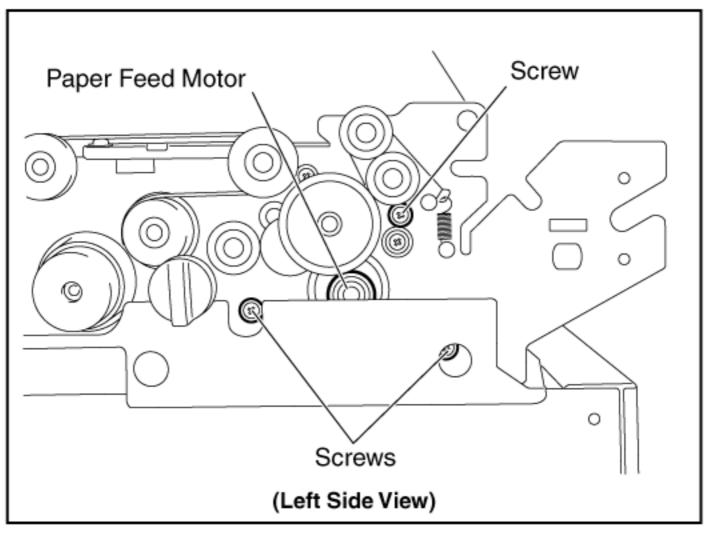
(Back Side View)

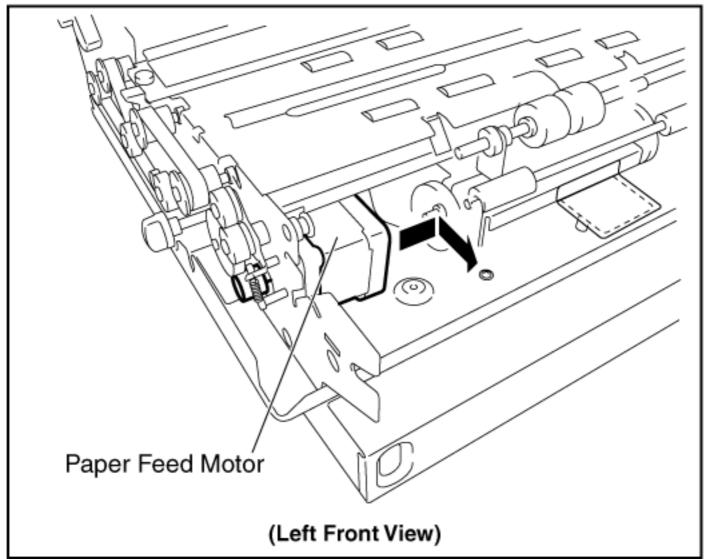


1. Remove the Conveyor Lower 1.



- 1. Remove the 3 screws.
- 2. Pull the Paper Feed Motor forward to remove it.

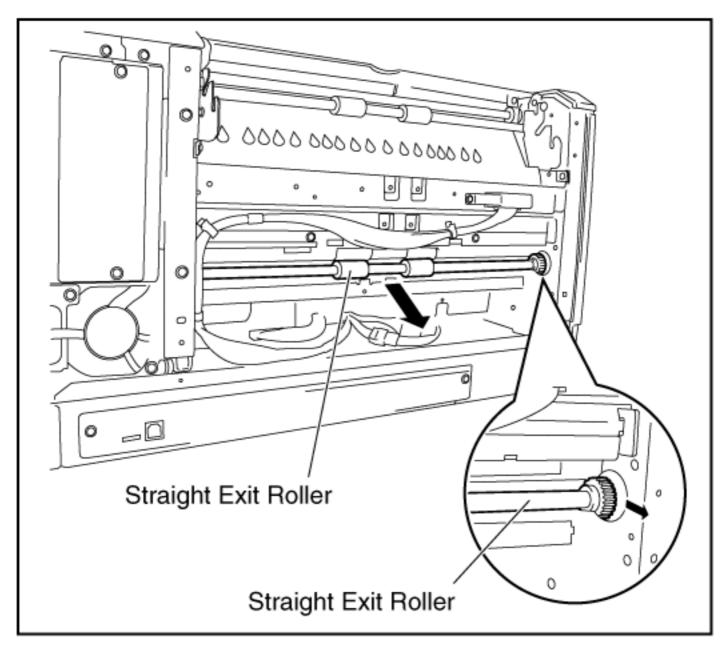


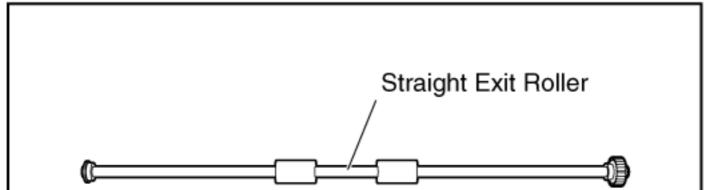


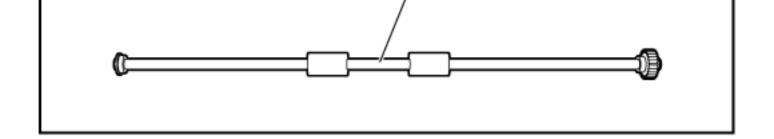
(Left Front View)

8.3.14 Straight Exit Roller

- 1. Remove the Rear Cover with Post-imprinter Door. (See 8.2.1.)
- 2. Unlock the Straight Exit Roller from the notching holes of the chassis and remove it.





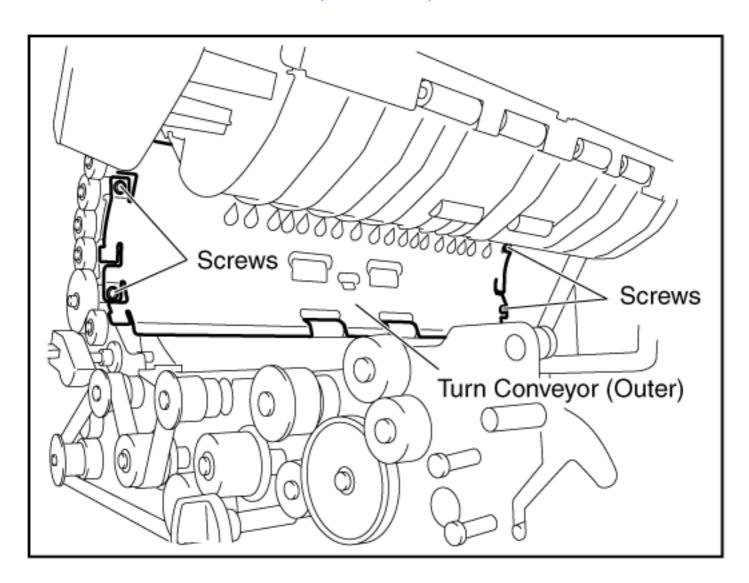


8.3.15 Turn Conveyor (Outer)

TOP PREVIOUS NEXT

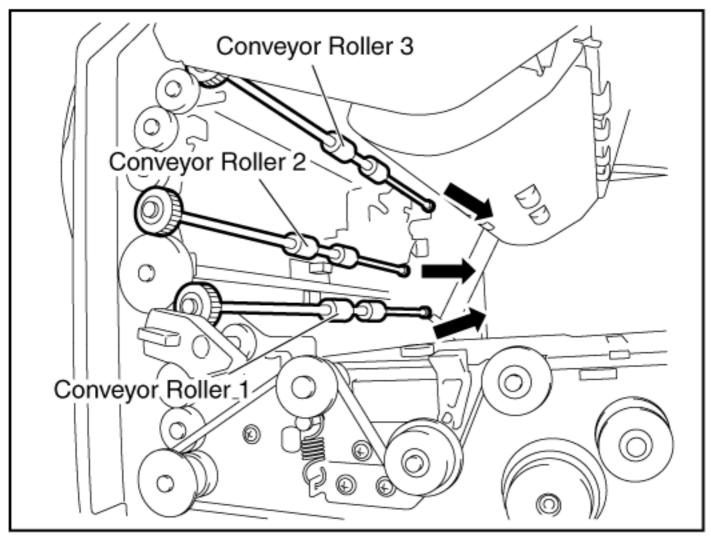
- 1. Remove the Side Cover (L). (See 8.2.7.)
- 2. Remove the 4 screws and Turn Conveyor (Outer).

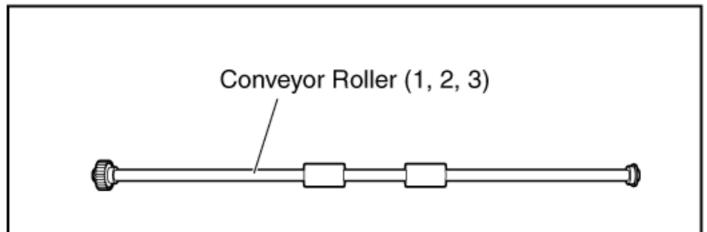
(Left Front View)

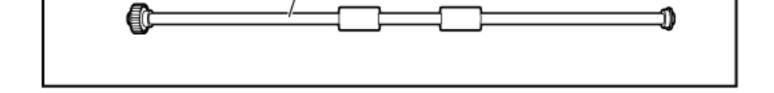


8.3.16 Conveyor Rollers 1, 2, 3

- 1. Remove the Rear Cover with Post-imprinter Door. (See 8.2.1.)
- 2. Remove the Turn Conveyor (Outer). (See 8.3.15.)
- 3. Unlock the Conveyor Rollers 1, 2, and 3 from the notching holes of the chassis and remove them.

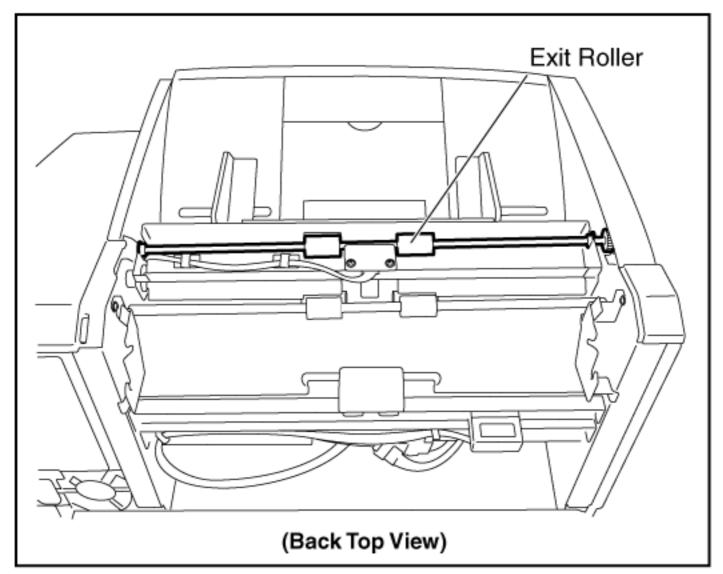




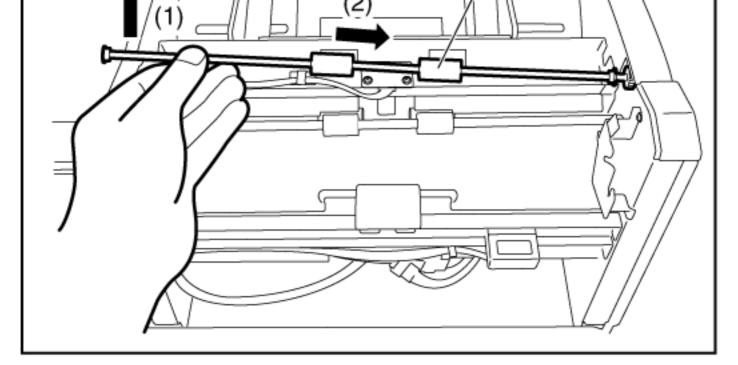


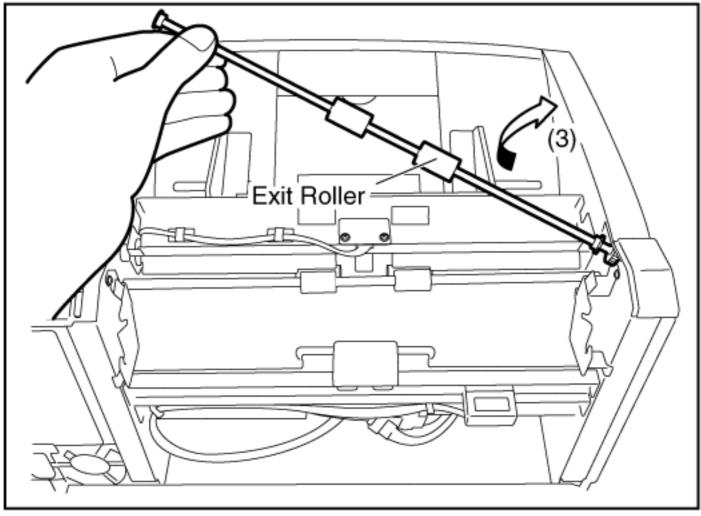
8.3.17 Exit Roller

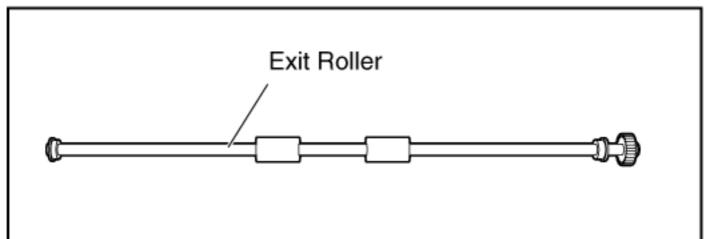
- 1. Remove the Exit Cover. (See 8.2.5.)
- 2. Unlock the Exit Roller from the notching holes of the chassis and remove it in the direction of the arrows (1) to (3).











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<u>۲۲</u>	PREVIOUS NEXT		

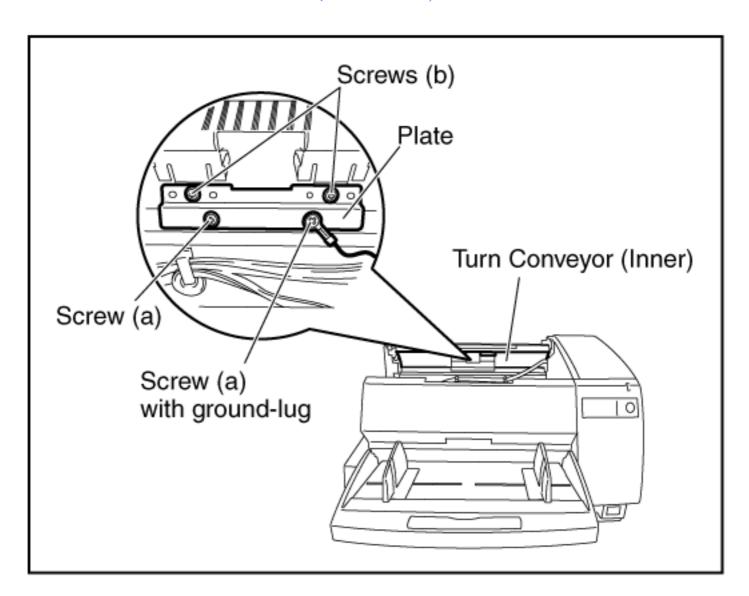
<u>TO</u>

8.3.18 Turn Conveyor (Inner)

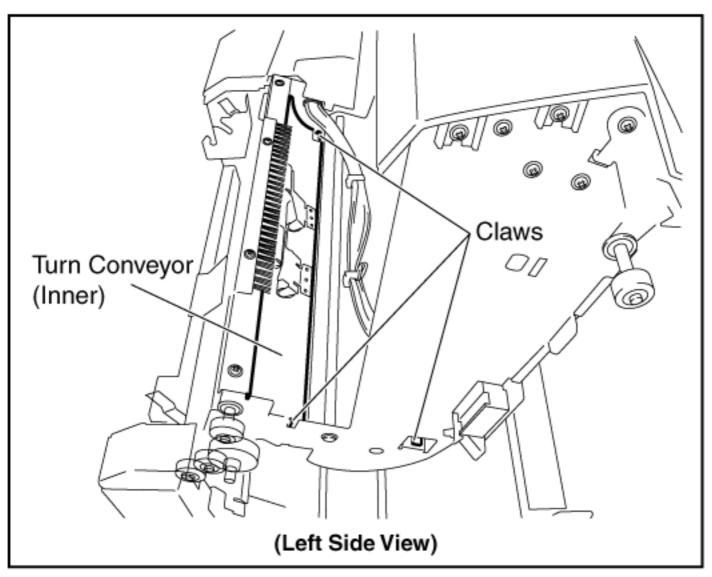
TOP PREVIOUS NEXT

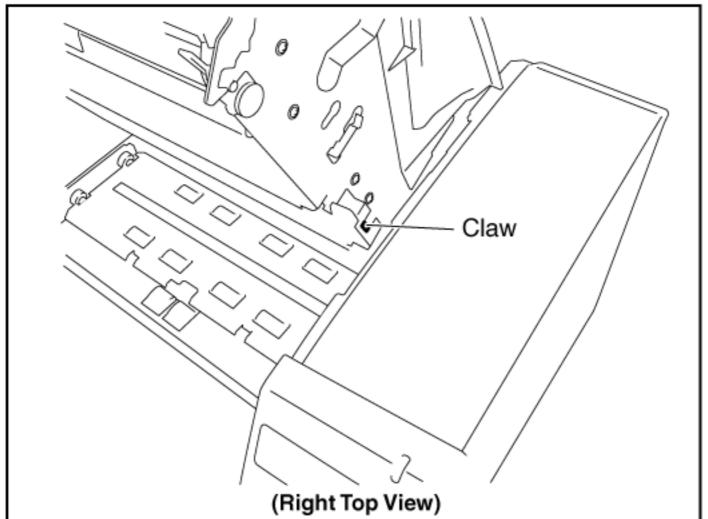
- 1. Remove the Feed Unit Cover (L). (See 8.2.8.)
- 2. Remove the screw (a), 2 screws (b), and screw (a) with ground-lug to release the plate (for supporting Turn Conveyor s (Inner)) from the scanner.

(Front Side View)



1. Unlock the 4 claws to remove the Turn Conveyor (Inner) from the scanner.





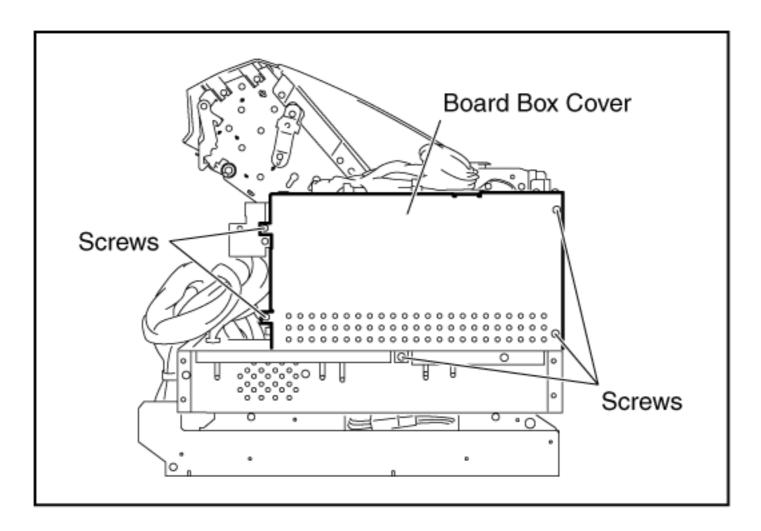
(Right Top View)

8.3.19 Board Box Cover

TOP PREVIOUS NEXT

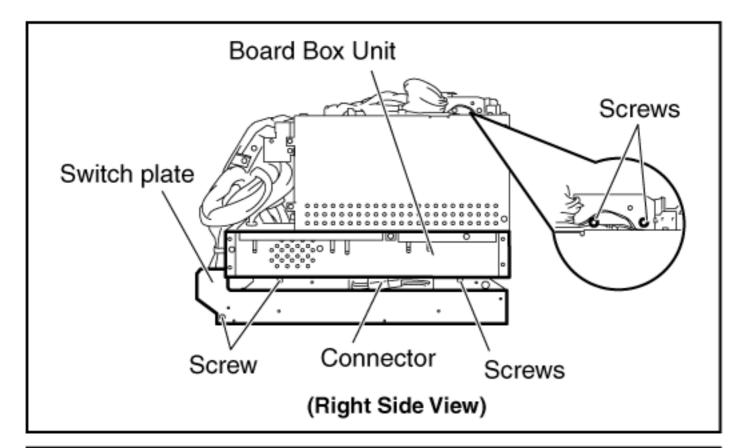
- 1. Remove the Top Cover (R). (See 8.2.4.)
- 2. Remove the 5 screws and Board Box Cover.

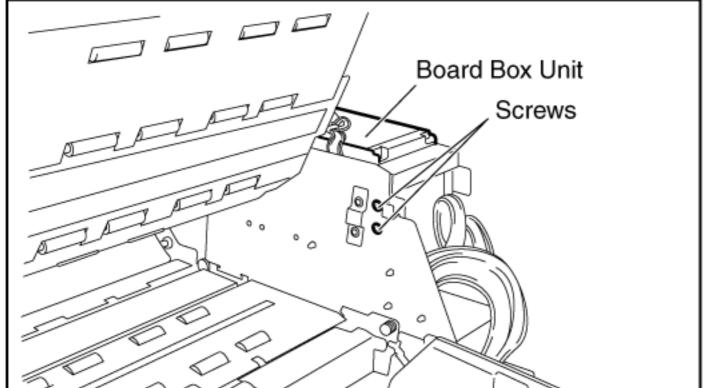
(Right Side View)

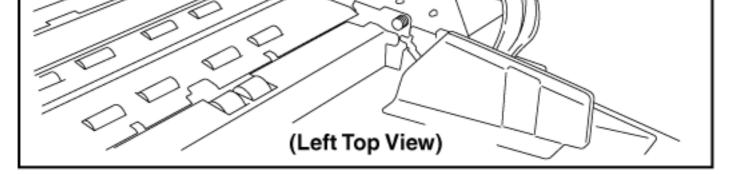


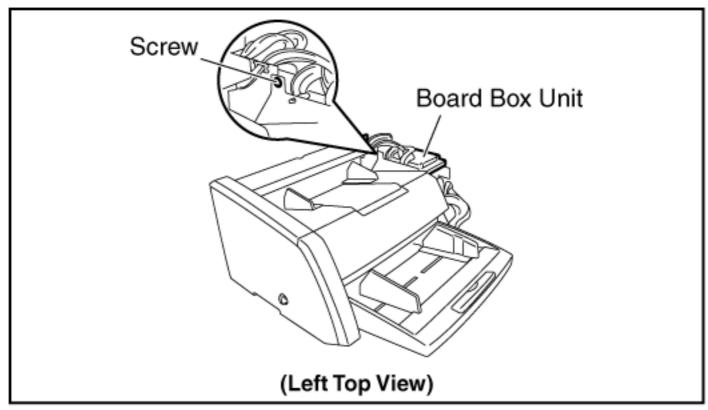
8.3.20 Board Box Unit

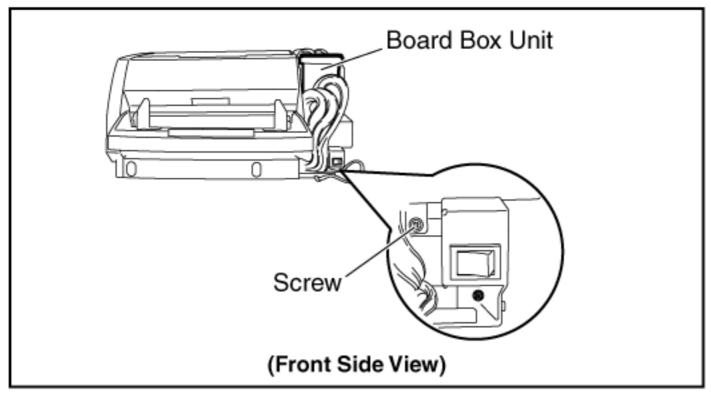
- 1. Remove the Top Cover (R). (See 8.2.4.)
- 2. Remove the Slit Cover. (See 8.2.6-(2).)
- 3. Remove the 9 screws and disconnect the connector.



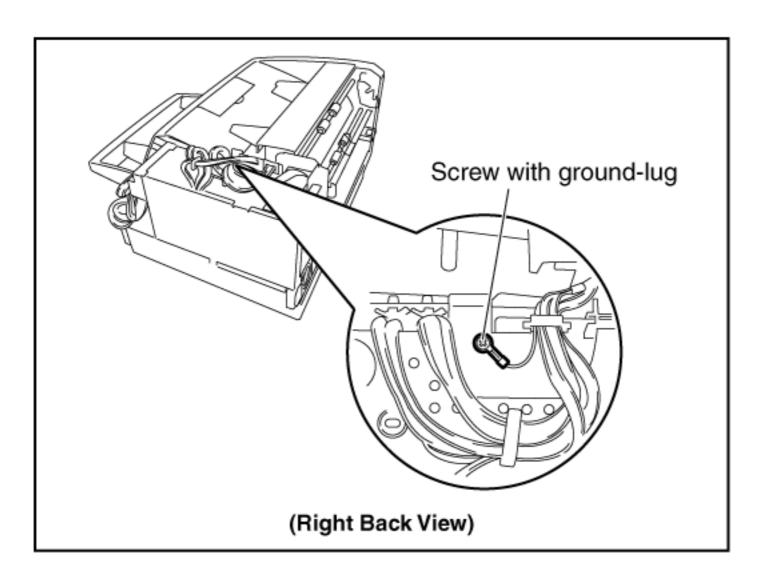






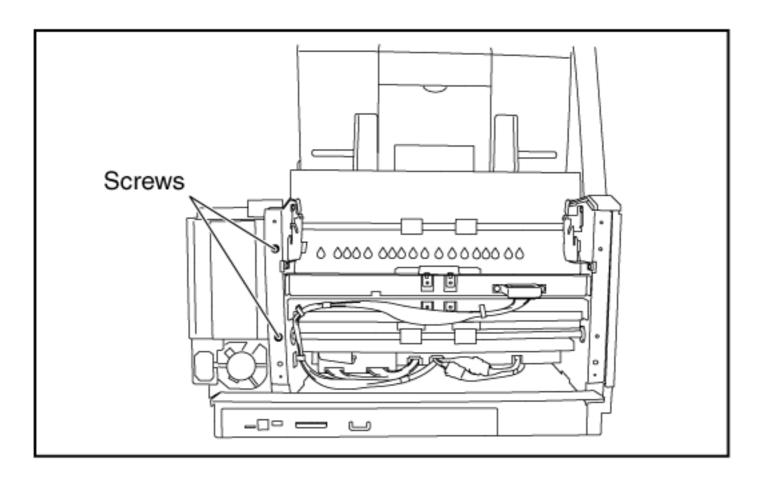


1. Remove the screw with ground-lug.



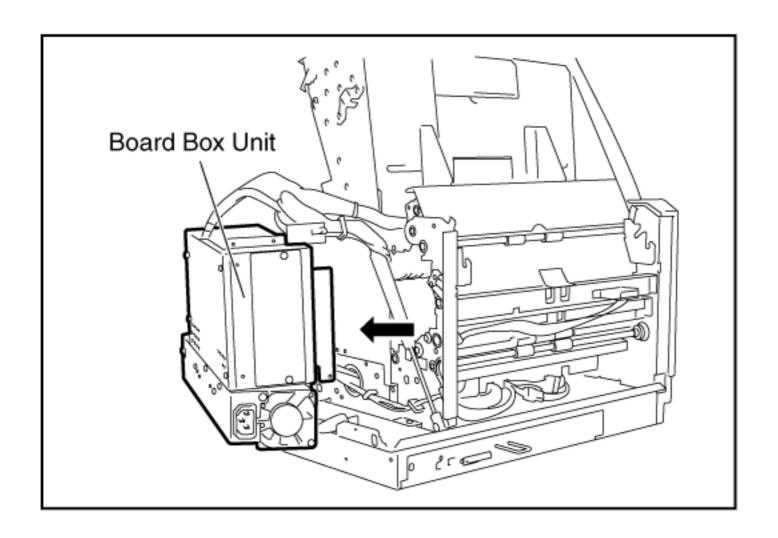
1. Remove the 2 screws from the back.

(Back Side View)



1. Release the clampers that tie up wires to the Sub-chassis of the scanner, and that tie up wires on the top of the Board Box Unit.

(Right Back View)

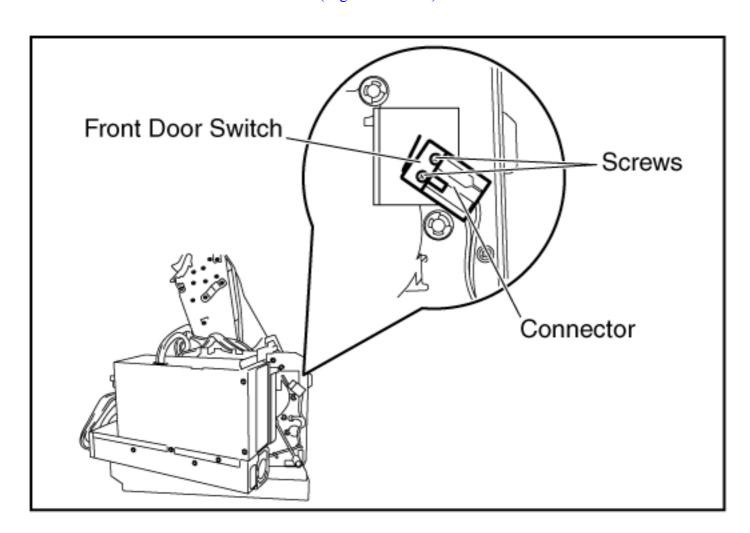


8.3.21 Front Door Switch

TOP PREVIOUS NEXT

- 1. Remove the Board Box Unit. (See 8.3.20.)
- 2. Remove the 2 screws.
- 3. Disconnect the connector.

(Right Side View)



8.3.22 Gas Spring

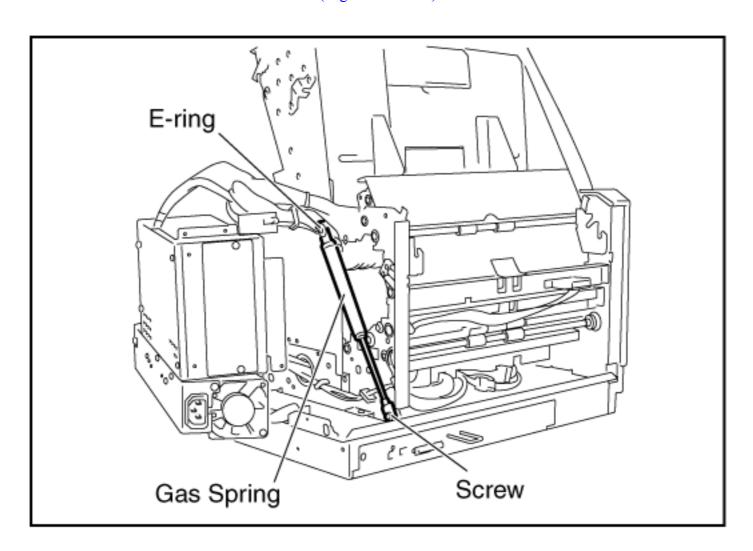
TOP PREVIOUS NEXT

- 1. Remove the Board Box Unit. (See 8.3.20.)
- 2. Remove the E-ring and screw.
- 3. Remove the Gas Spring.

Note:

When removing or reassembling the Gas Spring, be careful not to drop the Front Door.

(Right Side View)



8.4 Circuit Board Assemblies

TOP PREVIOUS NEXT
8.4.1 INTERFACE Board
8.4.2 PANEL Board
8.4.3 POST IMPRINTER DOOR Board
8.4.4 ENDING (FRONT) SENSOR Board
8.4.5 RELAY (UPPER) Board
8.4.6 CONTROL Board
8.4.7 SIZE DETECTOR Board and Paper Sensor
8.4.8 STARTING SENSOR Board
8.4.9 SKEW (R) Board
8.4.10 WAITING SENSOR Board
8.4.11 Double Feed Detector (G)
8.4.12 CIS (F) RELAY Board
8.4.13 RELAY (LOWER) Board
8.4.14 Double Feed Detector (R)
8.4.15 CIS (B) RELAY Board
8.4.16 PAPER JAM SENSOR Board
8.4.17 ENDING (REAR) SENSOR Board
8.4.18 POINTER Board

8.4.19 HOPPER HOME Board

8.4.20 DRIVE Board

8.4.21 POWER RELAY Board

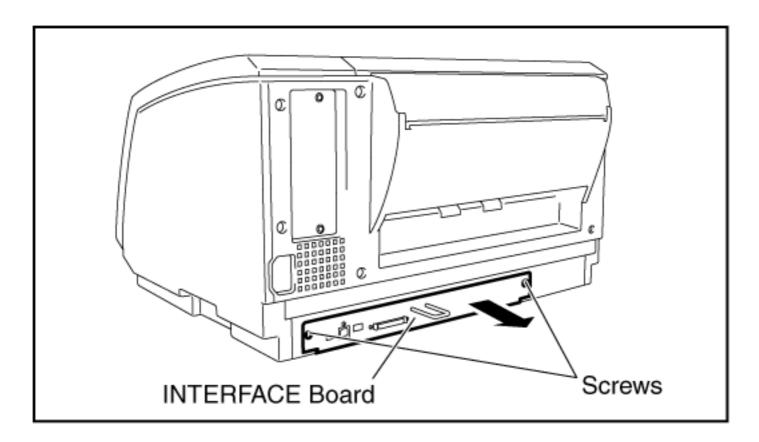
8.4.22 POWER Board & FAN

8.4.1 INTERFACE Board

TOP PREVIOUS NEXT

- 1. Remove the 2 screws.
- 2. Pull out the INTERFACE Board in the direction of the arrow.

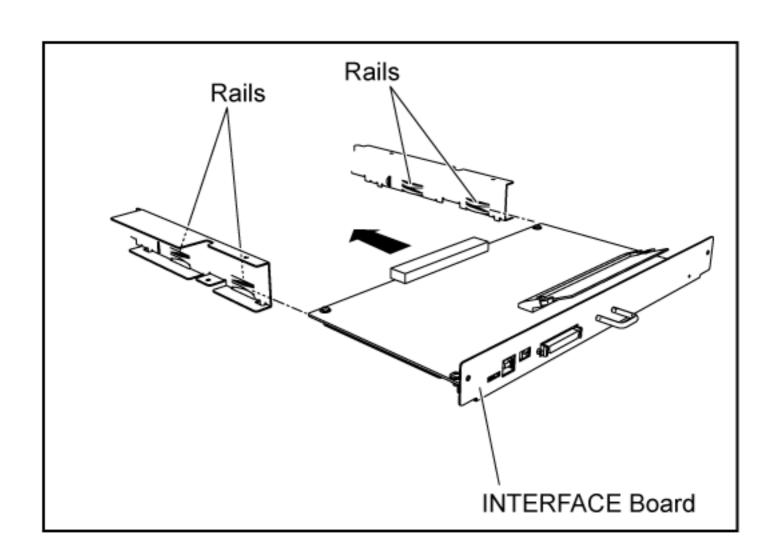
(Right Back View)

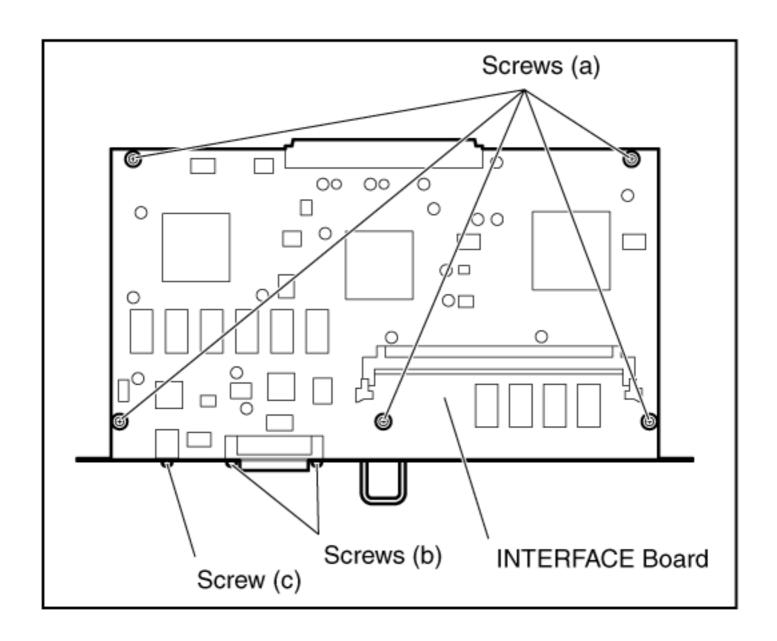


- 1. Remove the 5 screws (a).
- 2. Remove the 2 screws (b) and 1 screw (c) to release the INTERFACE Board from the board-support plate.

Reassembling Note:

Be sure to insert the INTERFACE Board along the rails on both sides.

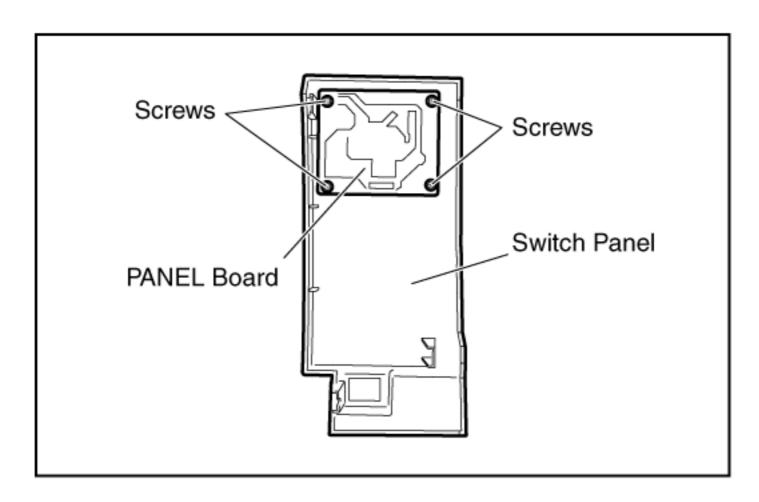




8.4.2 PANEL Board

TOP PREVIOUS NEXT

- 1. Remove the Switch Panel. (See 8.2.3.)
- 2. Remove the 4 screws and PANEL Board.

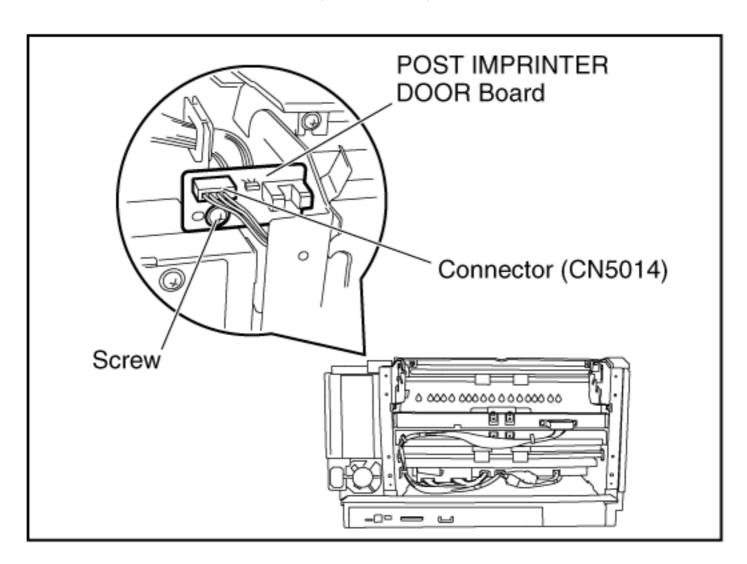


8.4.3 POST IMPRINTER DOOR Board

TOP PREVIOUS NEXT

- 1. Remove the Top Cover (R). (See 8.2.4.)
- 2. Remove a screw and disconnect the connector (CN5014) on the POST IMPRINTER DOOR Board.

(Back Side View)

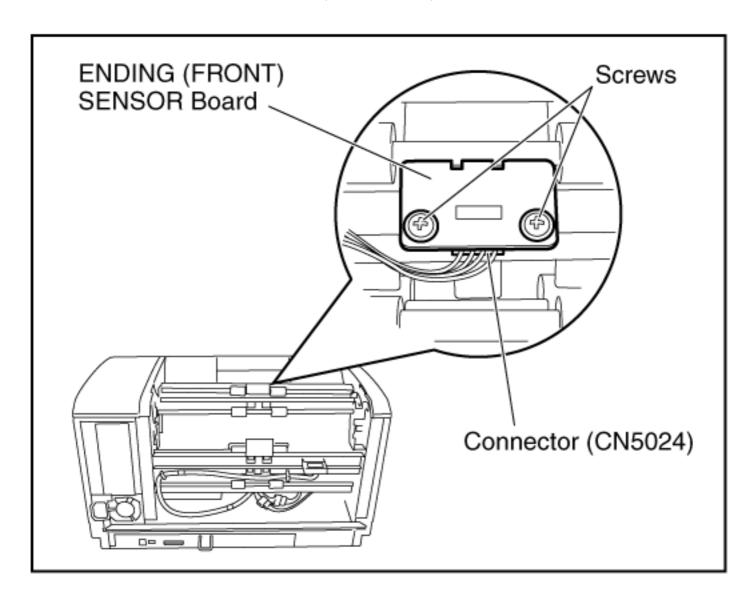


8.4.4 ENDING (FRONT) SENSOR Board

TOP PREVIOUS NEXT

- 1. Remove the Exit Cover. (See 8.2.5.)
- 2. Remove the 2 screws.
- 3. Disconnect the connector (CN5024) on the ENDING (FRONT) SENSOR Board.

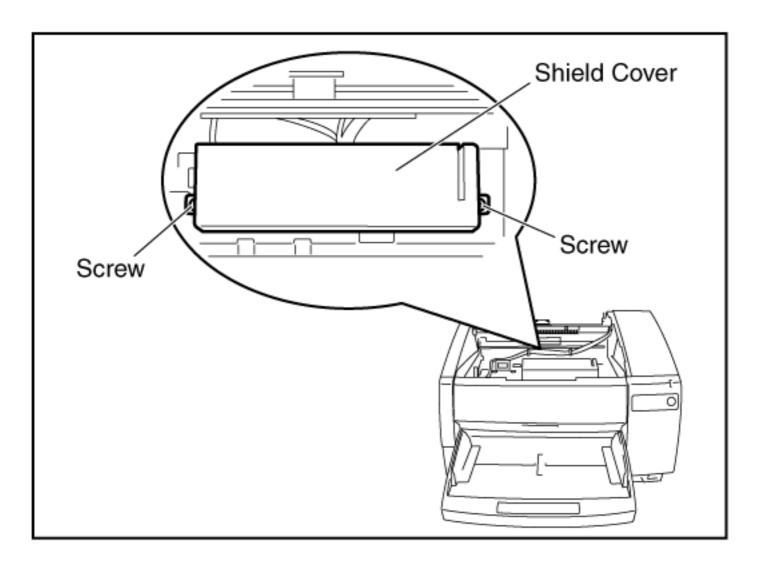
(Back Side View)



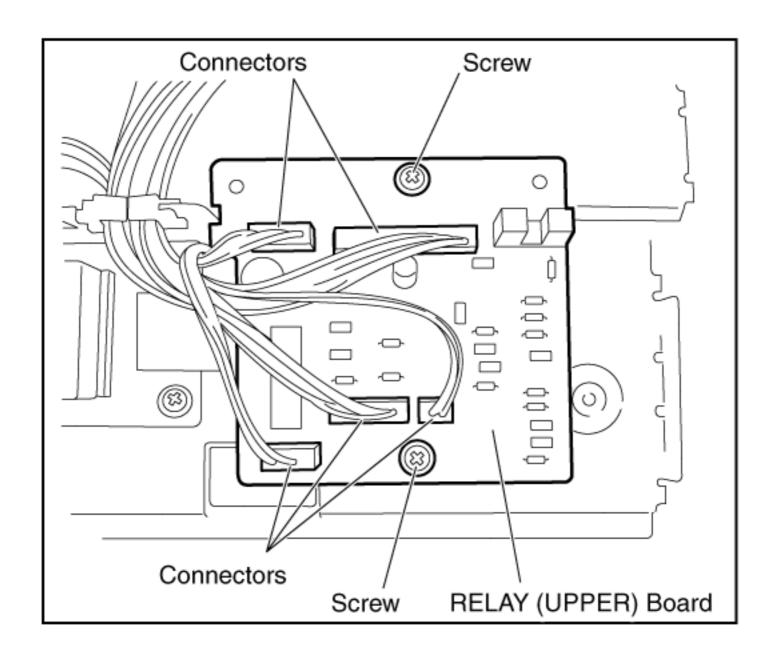
8.4.5 RELAY (UPPER) Board

TOP PREVIOUS NEXT

- 1. Remove the Pre-imprinter Door. (See 8.2.6.)
- 2. Remove the 2 screws and remove the Shield Cover.



1. Disconnect all connectors on the RELAY (UPPER) Board and remove the 2 screws.

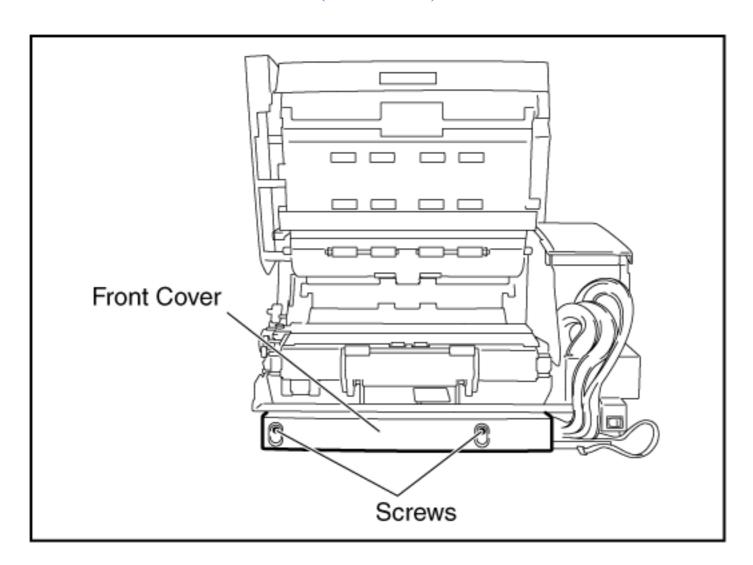


8.4.6 CONTROL Board

TOP PREVIOUS NEXT

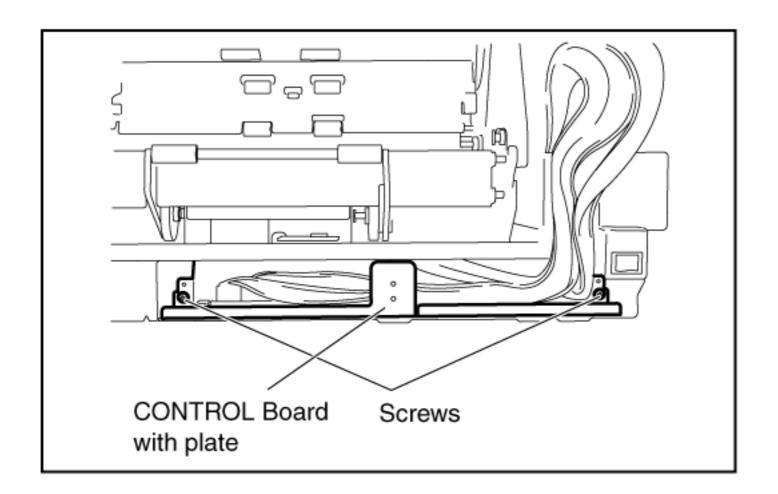
- 1. Remove the Hopper Unit. (See 8.2.10.)
- 2. Remove the 2 screws and Front Cover.

(Front Side View)

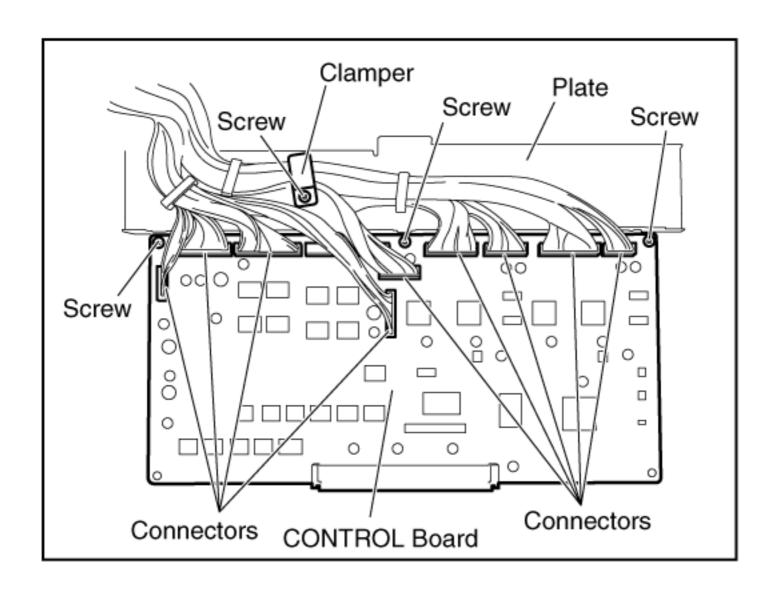


1. Remove the 2 screws and pull the CONTROL Board with the plate forward.

(Front Side View)



- 1. Remove the screw to release the clamper.
- 2. Remove the all connectors on the CONTROL Board.
- 3. Remove the 3 screws to release the CONTROL Board from the plate.

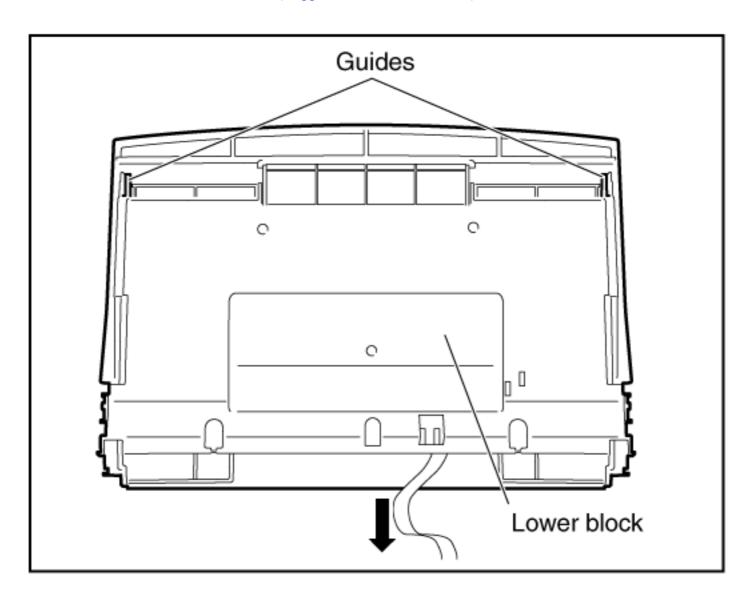


8.4.7 SIZE DETECTOR Board and Paper Sensor

TOP PREVIOUS NEXT

- 1. Remove the Hopper Unit. (See 8.2.10.)
- 2. Release the 2 guides on both sides of the Hopper Unit to divide the upper block with the lower.

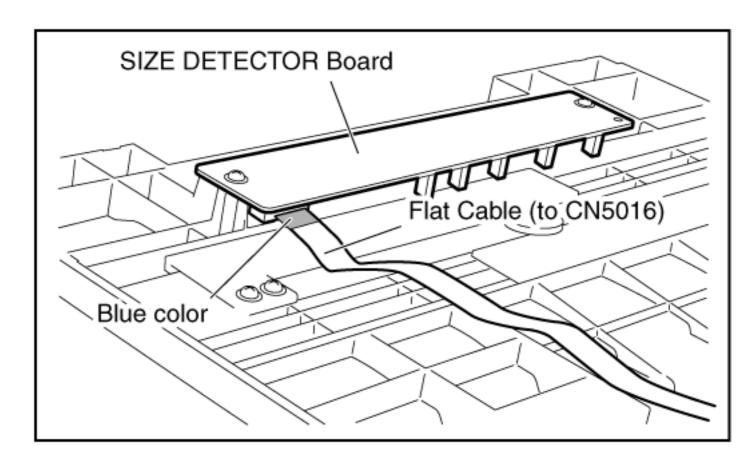
(Hopper Unit Back Side View)

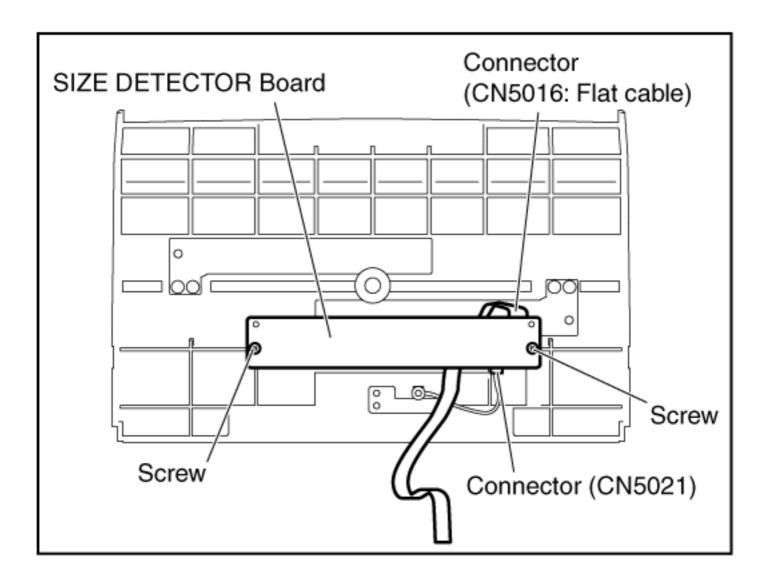


- 1. Remove the 2 screws.
- 2. Disconnect the 2 connectors (CN5016: Flat cable, CN5021) on the SIZE DETECTOR Board.

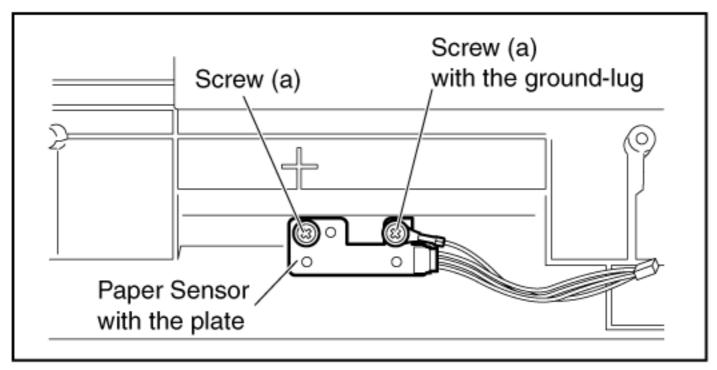
Reassembling Note:

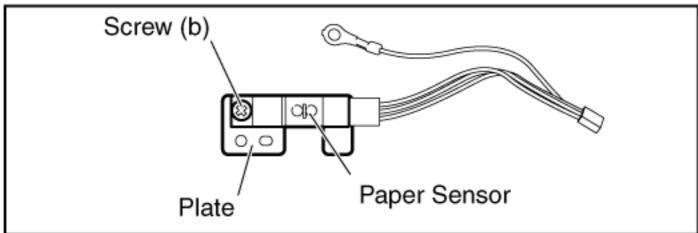
The flat cable with blue color (CN5016) should be faced to the front side of the board.





- 1. Remove the screw (a) and screw (a) with the ground-lug to release the Paper Sensor with the plate from the Hopper.
- 2. Remove the screw (b) to release the Paper Sensor from the plate.

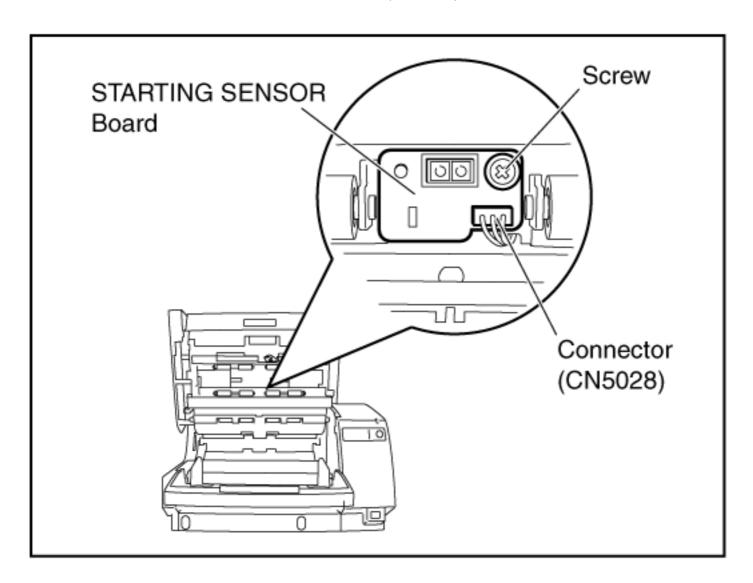




8.4.8 STARTING SENSOR Board

TOP PREVIOUS NEXT

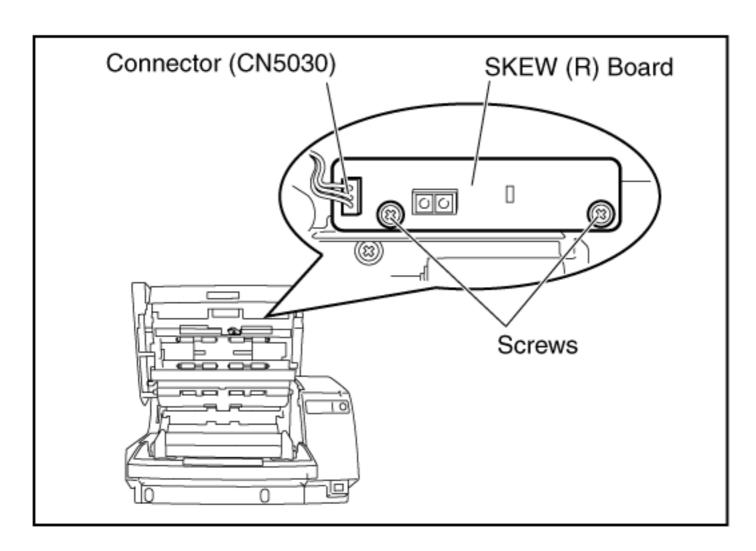
- 1. Remove the Conveyor Upper 2. (See 8.3.2.)
- 2. Remove the screw and disconnect connector (CN5028) on the STARTING SENSOR Board.



8.4.9 SKEW (R) Board

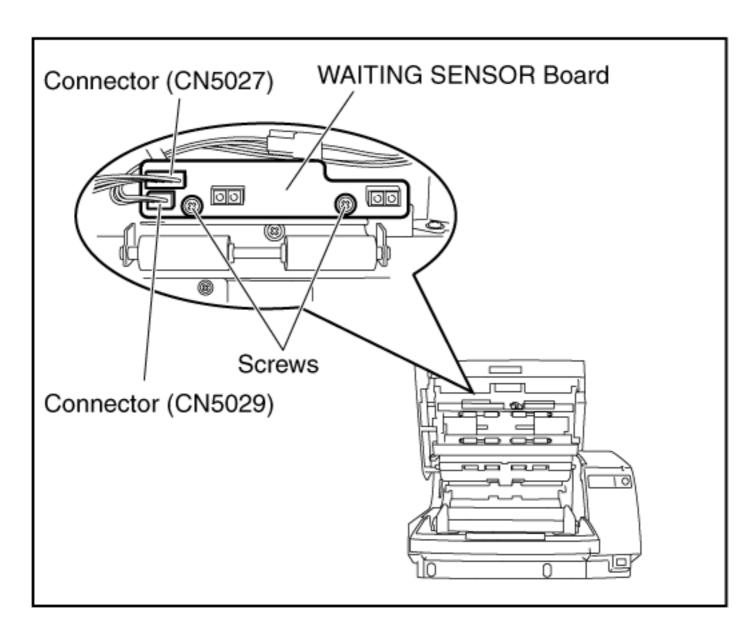
TOP PREVIOUS NEXT

- 1. Remove the Conveyor Upper 2. (See 8.3.2.)
- 2. Remove the Paper Feed Roller Module. (See 8.3.4.)
- 3. Remove the 2 screws.
- 4. Disconnect the connector (CN5030) on the SKEW (R) Board.



8.4.10 WAITING SENSOR Board

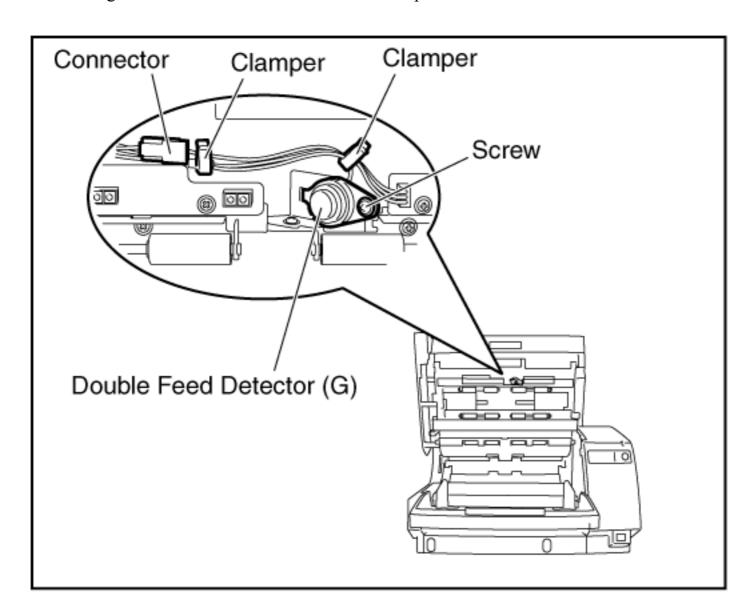
- 1. Remove the Conveyor Upper 2. (See 8.3.2.)
- 2. Remove the Paper Feed Roller Module. (See 8.3.4.)
- 3. Remove the 2 screws.
- 4. Disconnect the 2 connectors (CN5027, CN5029) on the WAITING SENSOR Board.



8.4.11 Double Feed Detector (G)

TOP PREVIOUS NEXT

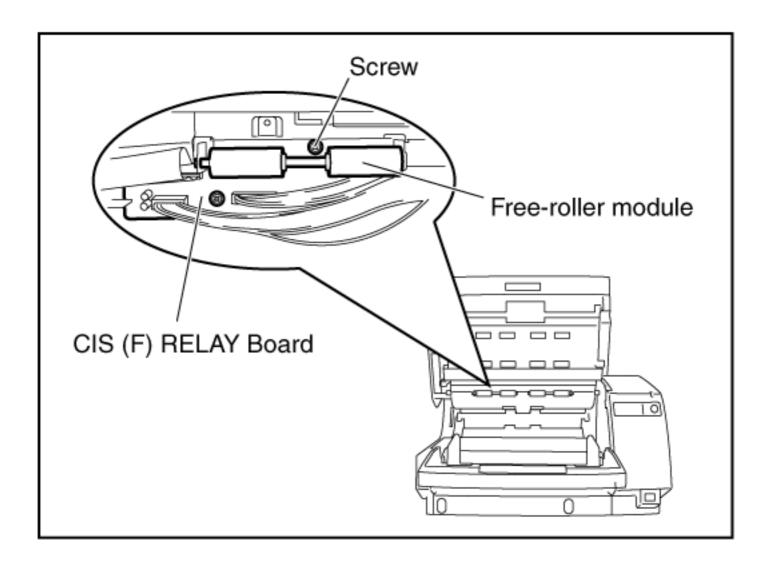
- 1. Remove the Conveyor Upper 2. (See 8.3.2.)
- 2. Remove the Paper Feed Roller Module. (See 8.3.4.)
- 3. Remove the screw, and disconnect the relay connector to the Double Feed Detector (G) after releasing the connector wires from the wire clamper.



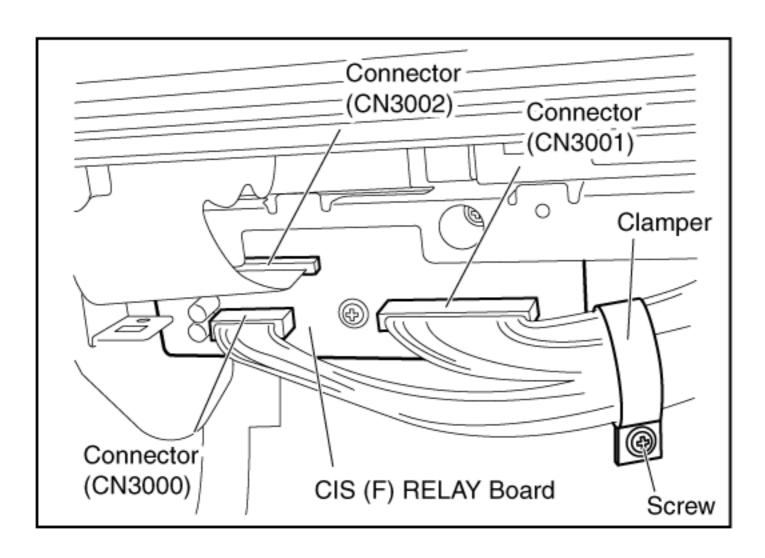
8.4.12 CIS (F) RELAY Board

TOP PREVIOUS NEXT

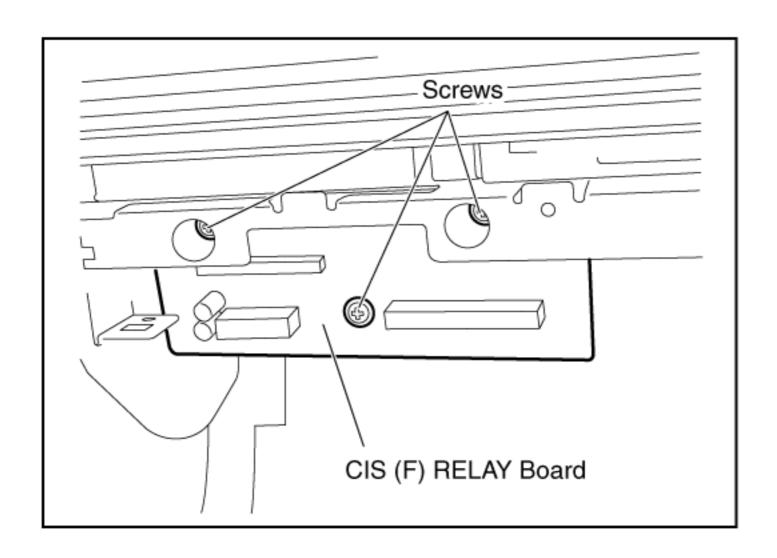
- 1. Remove the Conveyor Upper 3. (See 8.3.3.)
- 2. Remove the Turn Conveyor (Inner). (See 8.3.18.)
- 3. Remove the screw and Free-roller module.



1. After removing the screw to release the clamper, disconnect 3 connectors (CN3000, CN3001, CN3002).



1. Remove the 3 screws and take out the CIS (F) RELAY Board.

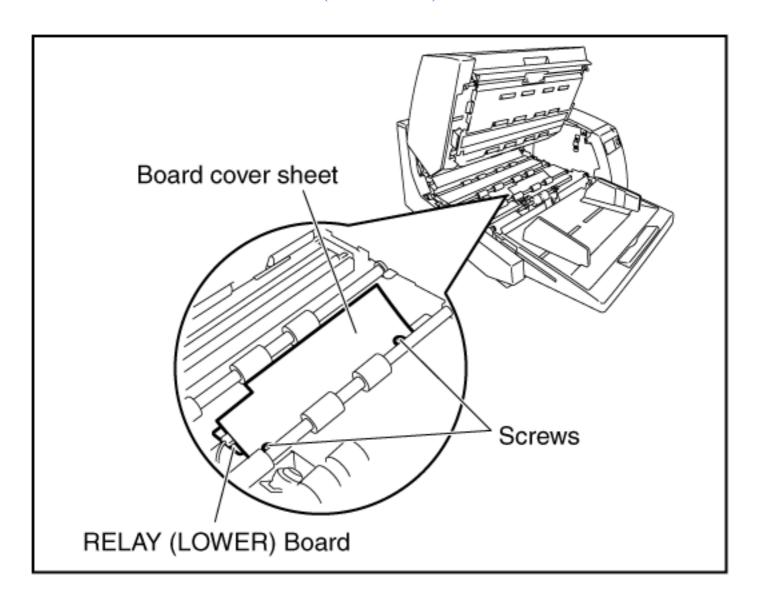


8.4.13 RELAY (LOWER) Board

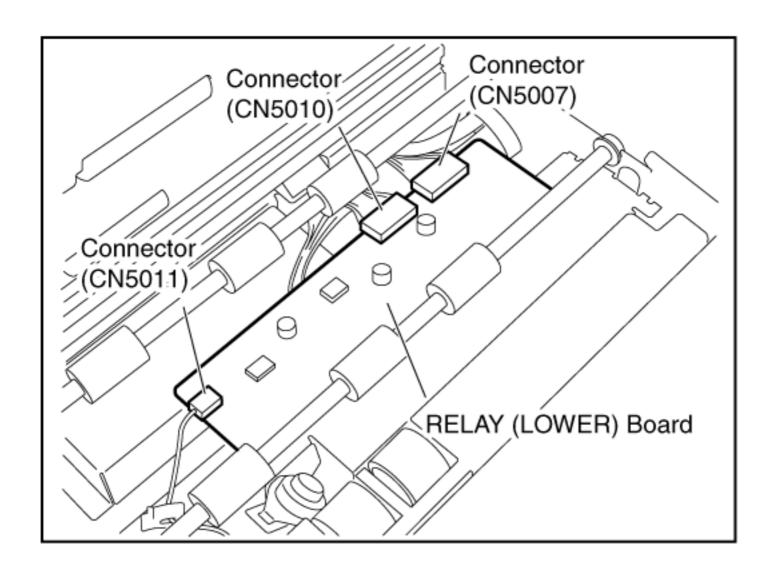
TOP PREVIOUS NEXT

- 1. Remove the Conveyor Lower 2. (See 8.3.8.)
- 2. Remove the 2 screws and board cover sheet.

(Left Front View)



1. Disconnect the 3 connectors (CN5007, CN5010, and CN5011) on the RELAY (LOWER) Board.

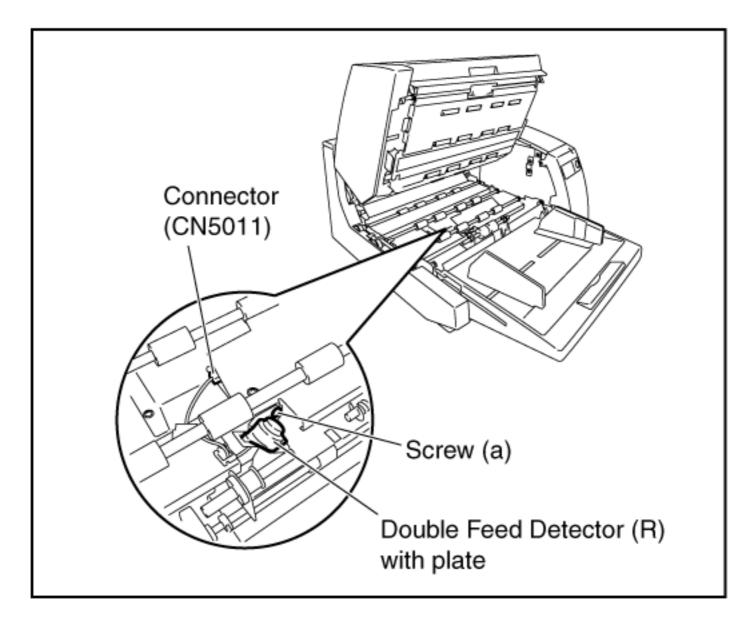


8.4.14 Double Feed Detector (R)

TOP PREVIOUS NEXT

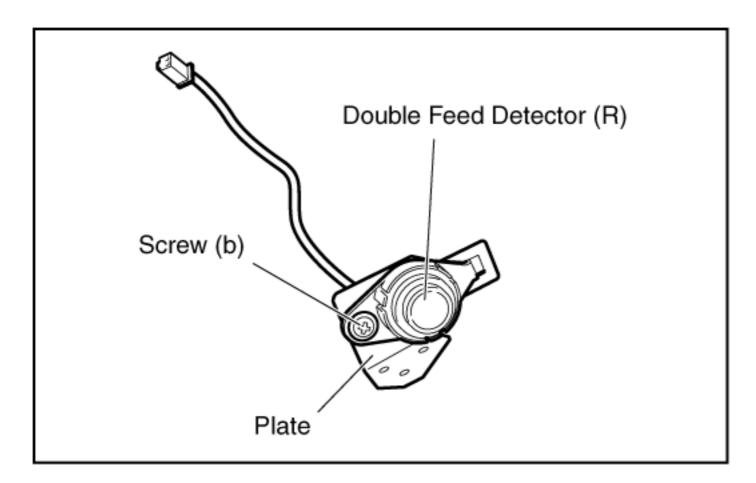
- 1. Remove the Retard Roller. (See 8.3.6.)
- 2. Remove the Conveyor Lower 2. (See 8.3.8.)
- 3. Disconnect the connector to the CN5011 on the RELAY (LOWER) Board.
- 4. Remove the screw (a) to release the Double Feed Detector (R) with plate from the scanner.

(Left Front View)



1. Remove the screw (b) to release the Double Feed

Detector (R) from the plate.

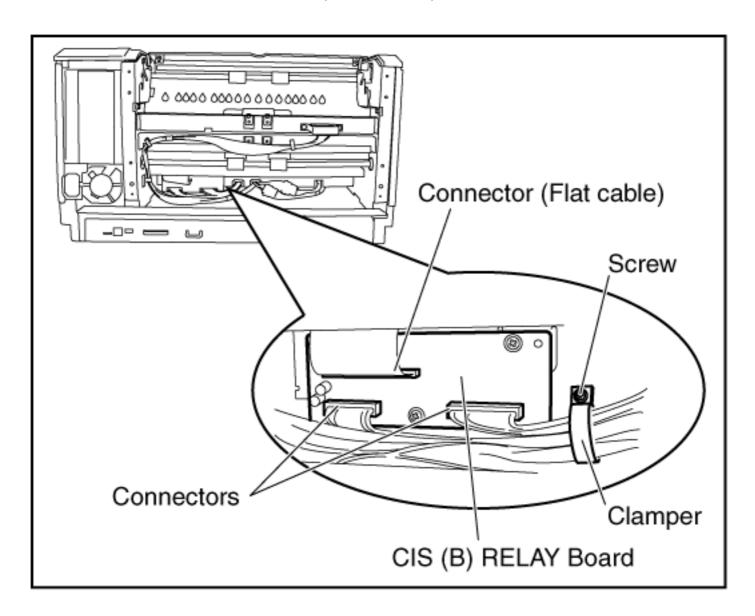


8.4.15 CIS (B) RELAY Board

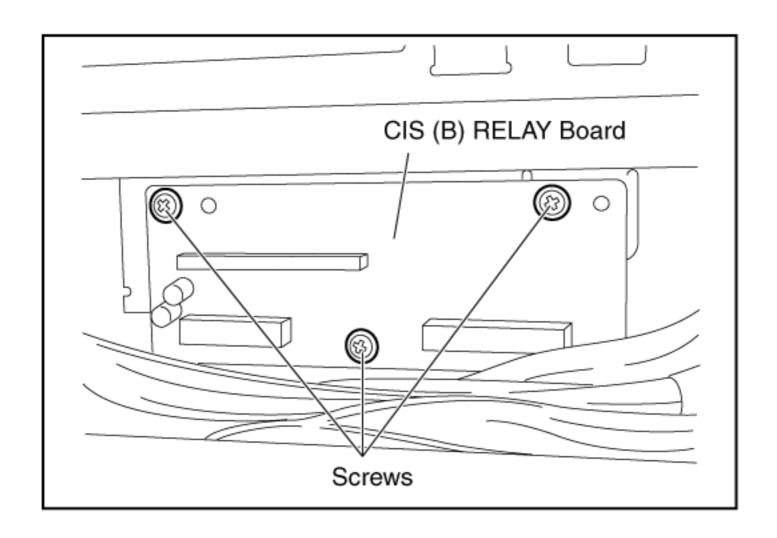
TOP PREVIOUS NEXT

- 1. Remove the Rear Cover with Post-imprinter Door. (See 8.2.1.)
- 2. After removing the screw to release the clamper, disconnect 2 connectors and 1 connector (Flat cable) on the CIS (B) RELAY Board.

(Back Side View)



1. Remove the 3 screws and pull out the CIS (B) RELAY Board backward.

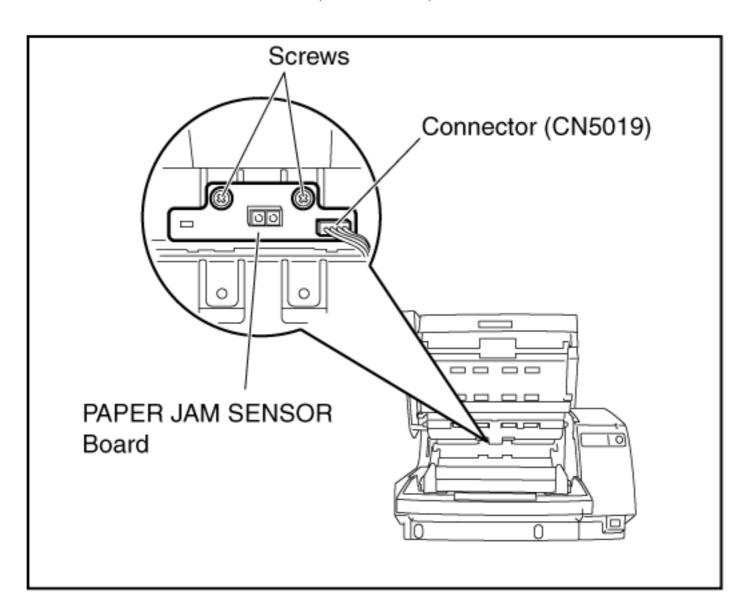


8.4.16 PAPER JAM SENSOR Board

TOP PREVIOUS NEXT

- 1. Remove the Conveyor Rollers 1, 2, and 3. (See 8.3.16.)
- 2. Remove the 2 screws and disconnect the connector (CN5019) on the PANEL JAM SENSOR Board.

(Front Side View)

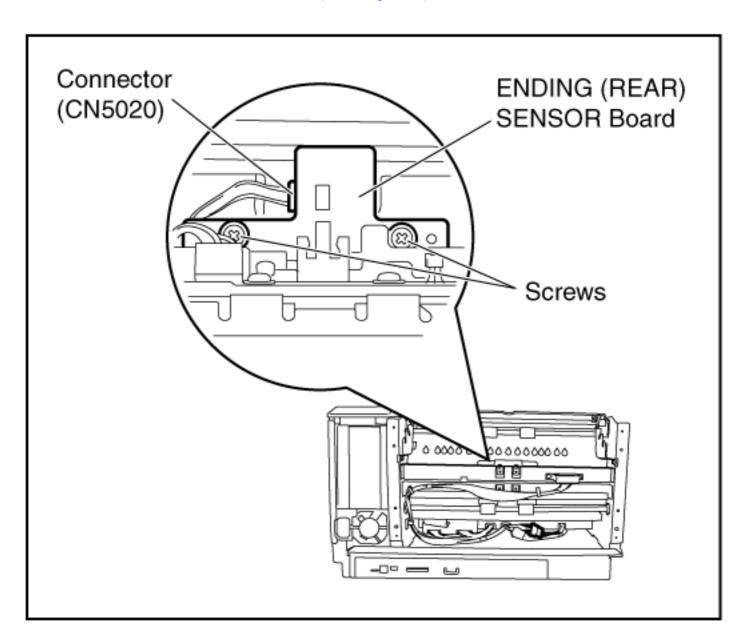


8.4.17 ENDING (REAR) SENSOR Board

TOP PREVIOUS NEXT

- 1. Remove the Conveyor Rollers 1, 2, and 3. (See 8.3.16.)
- 2. Remove the 2 screws and disconnect the connector (CN5020) on the ENDING (REAR) SENSOR Board.

(Back Top View)

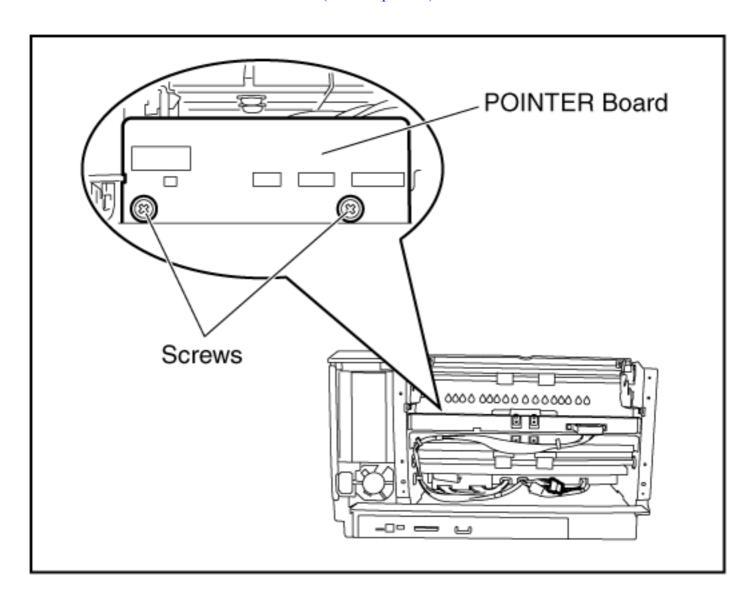


8.4.18 POINTER Board

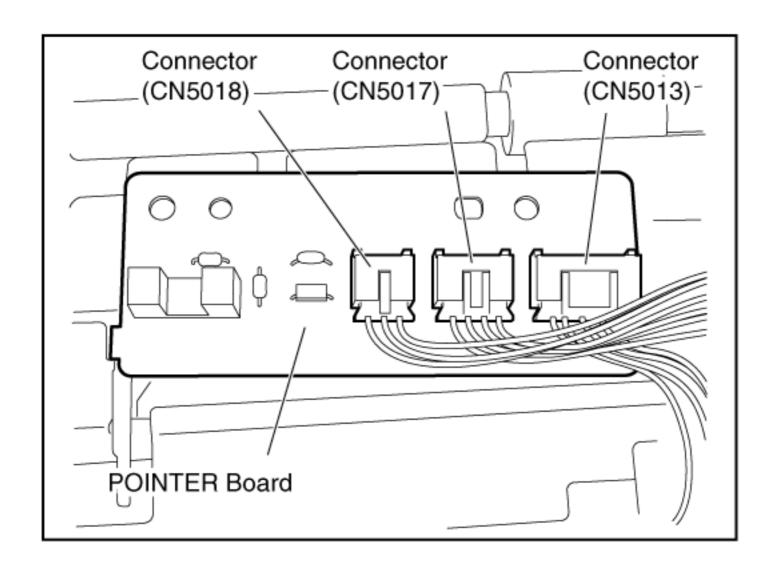
TOP PREVIOUS NEXT

- 1. Remove the Conveyor Rollers 1, 2, and 3. (See 8.3.16.)
- 2. Remove the 2 screws.

(Back Top View)



1. Disconnect the 3 connectors (CN5013, CN5017, CN5018) on the POINTER Board.

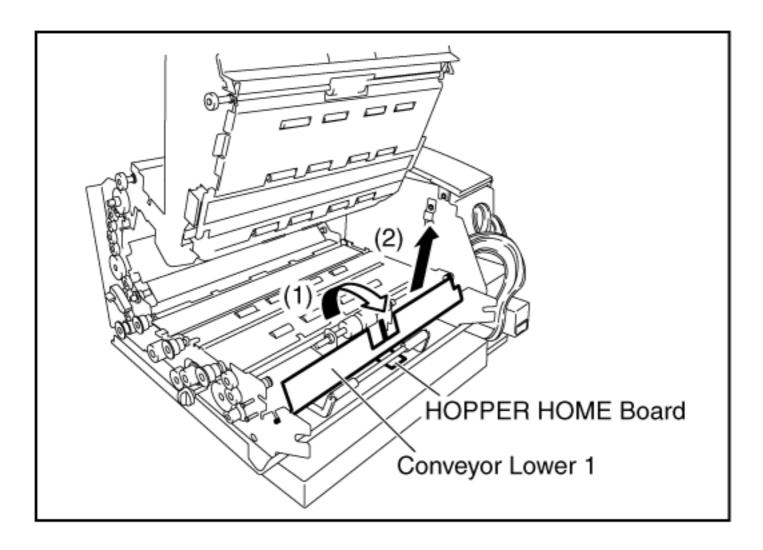


8.4.19 HOPPER HOME Board

TOP PREVIOUS NEXT

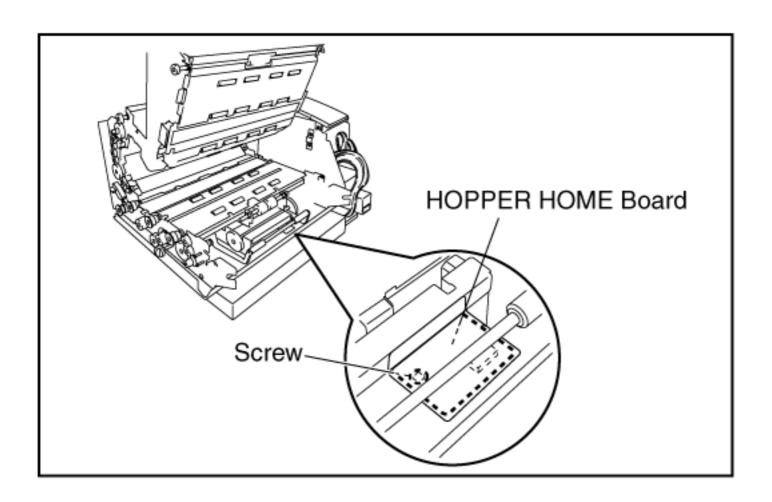
- 1. Remove the CONTROL Board. (See 8.4.6.)
- 2. Remove the RELAY (LOWER) Board. (See 8.4.13.)
- 3. Remove the Conveyor Lower 1.

(Left Front View)



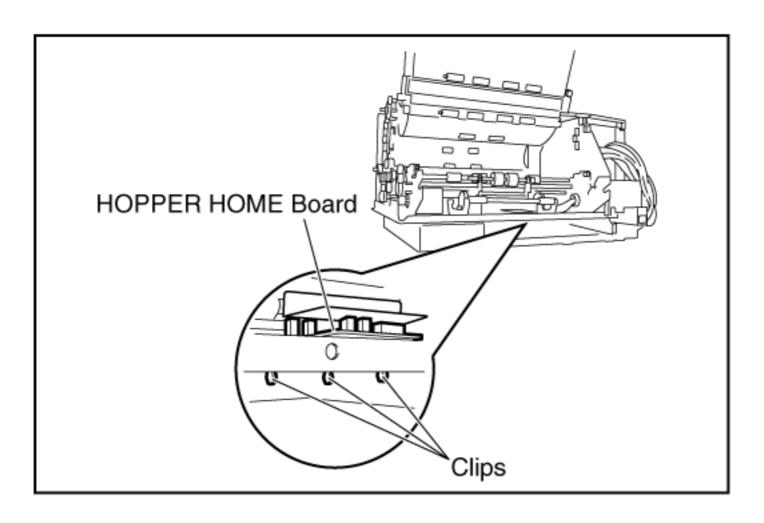
1. Remove the screw on the HOPPER HOME Board.

(Left Front View)

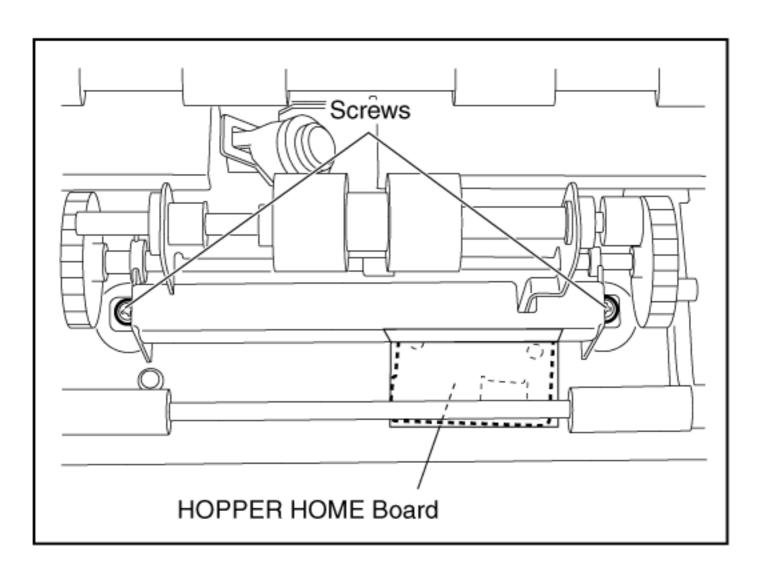


1. Release the 3 clips on the HOPPER HOME Board.

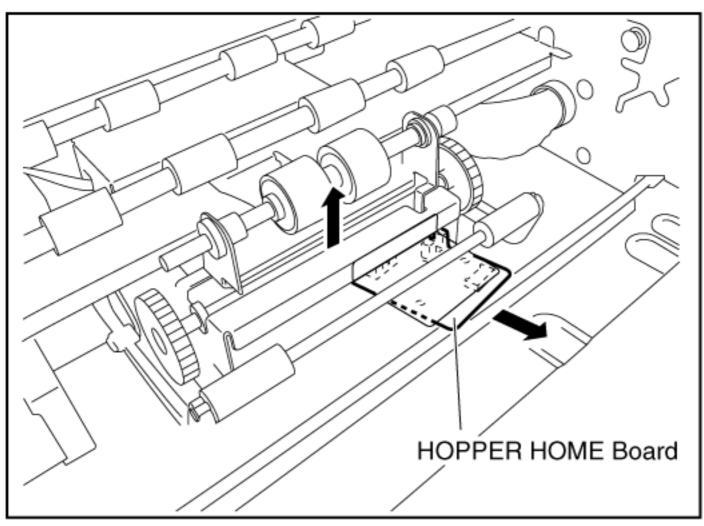
(Left Front View)

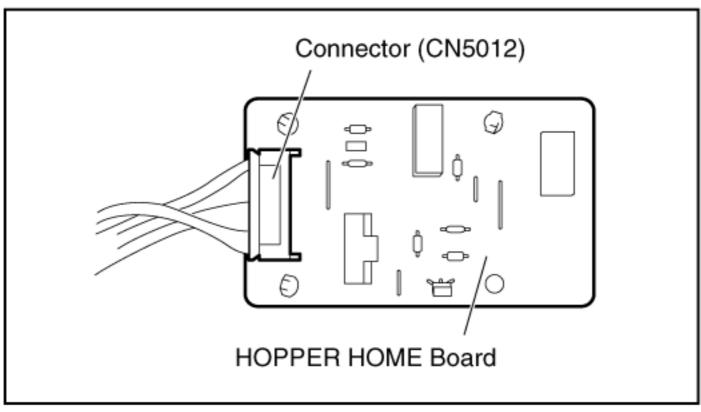


1. Loosen the 2 screws to keep a height to be required to pull out the HOPPER HOME Board.



1. Pull out the HOPPER HOME Board forward and disconnect 1 connector (CN5012) to RELAY (LOWER) Board.



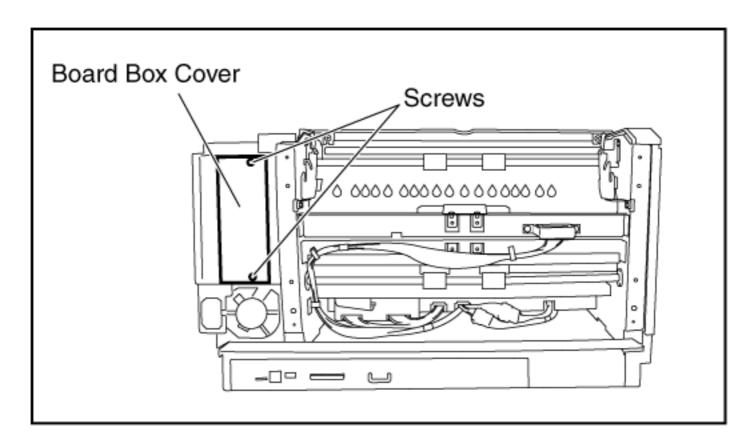


8.4.20 DRIVE Board

TOP PREVIOUS NEXT

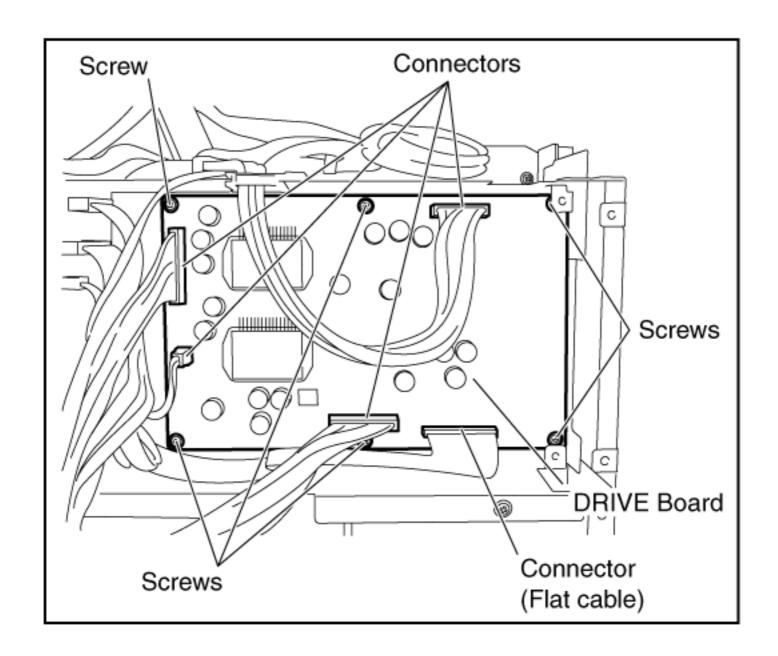
- 1. Remove the Board Box Cover. (See 8.3.19.)
- 2. Remove the 2 screws and Board Box Cover.

(Back Side View)



1. Disconnect all connectors (including 1 flat cable) and remove the 6 screws on the DRIVE Board.

(Right Side View)

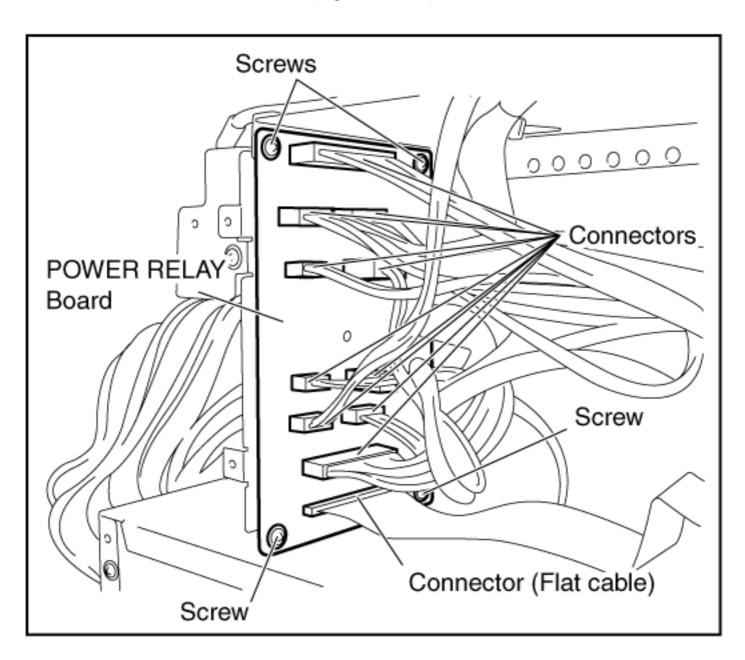


8.4.21 POWER RELAY Board

TOP PREVIOUS NEXT

- 1. Remove the DRIVE Board. (See 8.4.20.)
- 2. Disconnect all connectors (including 1 flat cable) and remove the 4 screws on the POWER RELAY Board.

(Right Back View)

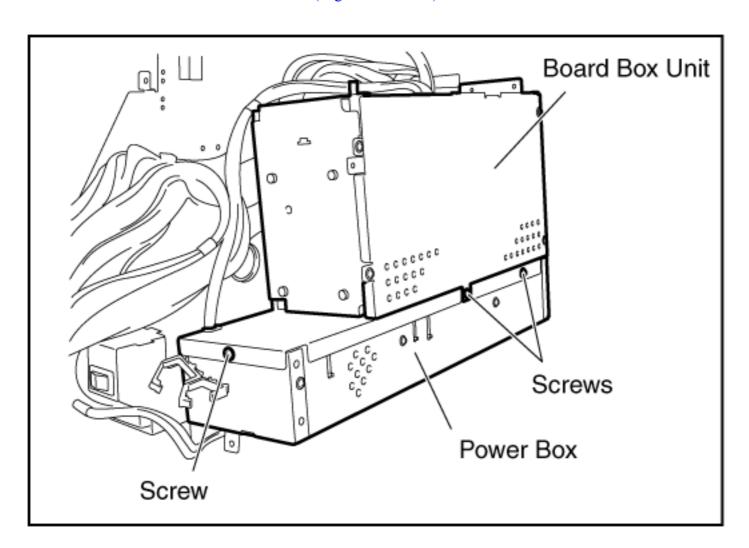


8.4.22 POWER Board& FAN

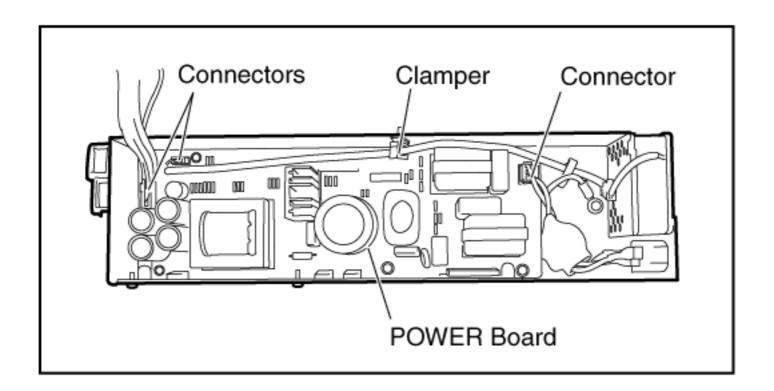
TOP PREVIOUS NEXT

- 1. Remove the Board Box Unit. (See 8.3.20.)
- 2. Remove the 3 screws and separate the Power Box from the Board Box unit.

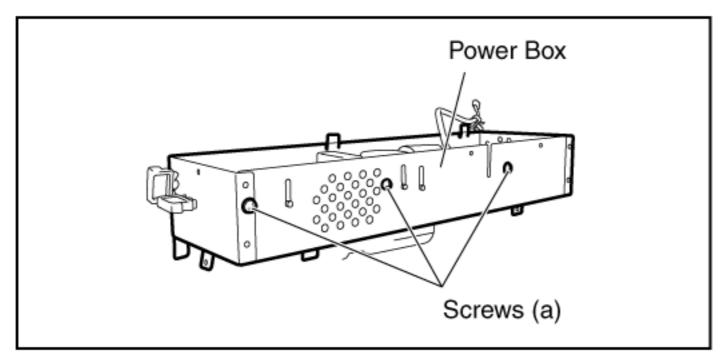
(Right Front View)

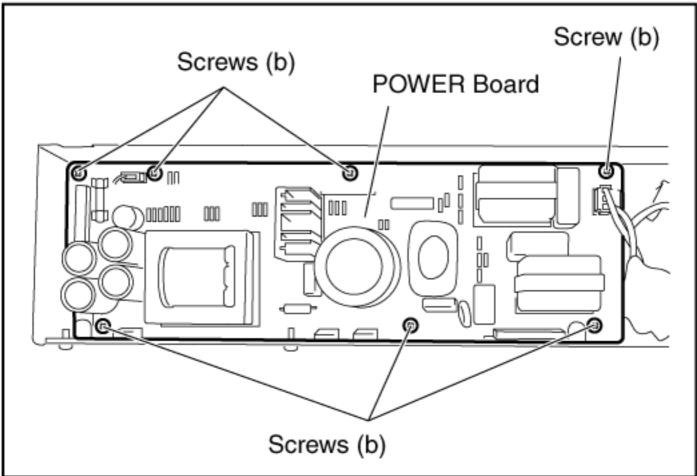


1. Disconnect all connectors on the POWER Board and remove the clamper on the side of the Power Box.

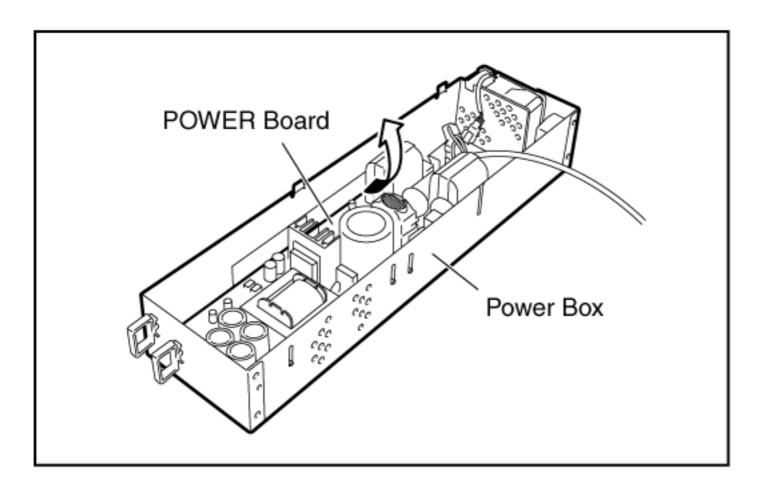


1. Remove the 3 screws (a) on side of the Power Box remove the 7 screws (b) on the POWER Board.

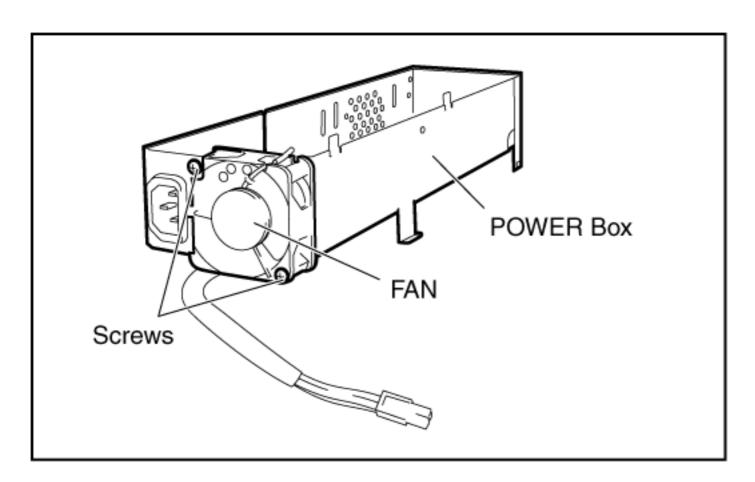




1. Pull out the POWER Board in the direction of the arrow.



1. Remove the 2 screws and take out the FAN.



9 SERVICE UTILITY& SELF TEST

TOP PREVIOUS NEXT

0 1 1/6	1 11	C C	٠ ـ ـ ١	E TA 1114
9.1 Main menu	indicatio	n ior S	service (Utility

9.2 Function item list of Service Utility

9.3 Operation

9.3.1 Scanner Status

9.3.2 Error Code

9.3.3 Scanner information

9.3.4 Scanner Counter

9.3.5 Scanner Condition

9.3.6 Test

9.3.7 Adjust

9.3.8 Other (USB ID, Save Information)

9.4 Scanner Self-test

9.1 Main menu indication for Service Utility

TOP PREVIOUS NEXT

This section describes the functions of the service utility software, such as adjustments, diagnosis, configuration, and maintenance.

This utility software also includes a user utility function.

Executing Service Utility.exe (without installing the software to the PC except for ASPI Manager) will allow you to operate all the functions found in this service utility software.

Note:

• This utility software is not included with the scanner.

Please call service or technical support to obtain the utility software.

• This software should be used only by an authorized service technician.

Improper use of this software may cause damage to the scanner.

9.2 Function item list of Service Utility

TOP PREVIOUS NEXT

Service Utility item list is as follows.

Note:

When two or more scanners are connected to PC, execute Select Scanner to define the scanner before evaluating.

The procedure is as follows.

- 1. Click Select Scanner on the Main Menu.
- 2. Select the product number and interface of the scanner to evaluate.

	Item	Purpose	Remarks	
Scanner Status		To indicate scanner status (Ready or Error or Warning)		
Scanner information		To indicate scanner information about Model, firmware version, Gate Array version, board revision, additional memory size (status), and interface condition		
Scanner Counter	Update All Counter	To update the values of System Counter, Cleaning roller Counter, and Replacing roller Counter		
	Clear Counter for cleaning roller	To clear Counter for cleaning roller to zero after cleaning roller	(1), (6)	
	Clear Counter for replacing roller	To clear Counter for replacing roller to zero after replacing roller		
Scanner Condition	Sleep Mode	To set this mode to be enabled or disabled, and to set waiting time before entering to the sleep mode		
	Clean Imprinter *1	To clean an ink jet head of imprinter.		
	Paper Mode / Buzzer Setting	To set scanning size (A4 or Letter) when the Document Guide is in A4 position, and to set Buzzer ON/OFF condition.	(1)	
	Compatible Mode	To make this scanner operate as another scanner with this mode	(1), (3)	
	User Shading	To execute shading correction at the user side, or to restore the shading data to the default (Factory-setting).	(4)	
	Warning Setting	To set warning timing to clean roller and to replace roller	(3)	
	Set Default	To set sleep mode setting, warning timing to clean and to replace roller to the default	(3)	
Test	LED	To light LED on the front cover with colors changing periodically (Green→Orange→Red→Green→Orange)	(5)	
	Key / Sensor	To do Key or Sensor ON/OFF test.	(5)	

	Sensor Sensitive Level	To check sensitive level of each sensor (Waiting, Starting, Skew (R), Skew (L), Ending (Front), Ending (Rear), Paper Jam)	(5)
	Feed Motor	To check Paper Feed Motor s Rotating	(5)
	Conveyor Motor	To check Conveyor Motor s Rotating	(5)
	Hopper Drive	To check the hopper s Up/Down Mechanism	(5)
	Feed	To check paper feed mechanism.	(5)
	Sleep Mode	To check whether sleep mode function works properly	(5)
	CIS Level	To check maximum peak level after setting gain	(5)
	CIS Focus	To check whether CIS focus point is appropriate to scan documents and to adjust the focus, showing a CIS gray density level on the display.	(5)
	Double Feed	To check the Double Feed Detector(R) s level (Response level) after setting the ultrasonic sending level and frequency of the Double Feed Detector(G)	(5)
	Memory	To execute memory R/W test.	(5)
Adjust	Shading	To execute shading correction	(4)
	All Position	To adjust scanning length, vertical, and horizontal positions for front and back sides, automatically	(4)
	Individual Position	To execute automatic length, vertical, or horizontal position adjustment for front and back sides, individually To adjust scanning length, vertical, and horizontal positions for front and back sides manually.	(4)
	Double Feed	To correct the Double Feed detector s ultrasonic sending level and frequency automatically or manually.	(4)
Other (USB ID, Save	USB ID.	To change USB ID. for the scanner, connected to PC.	(3)
<u>Information</u>)	Save Information	To save scanner and PC information.	(1)

Note *1: This item is available only in case installing Imprinter (Option) to scanner KV-S3065CL/S3065CW Series.

Remarks

- (1) Parameter setting by user
- (2) Status indication
- (3) Parameter setting by service person
- (4) Adjustment
- (5) Diag.

(6) Maintenance

9.3 Operation

TOP PREVIOUS NEXT

This section describes each operation (or status indication), according to the function item list shown in Sec.9.2.

9.3.1 Scanner Status

9.3.2 Error Code

9.3.3 Scanner information

9.3.4 Scanner Counter

9.3.5 Scanner Condition

<u>9.3.6 Test</u>

<u>9.3.7 Adjust</u>

9.3.8 Other (USB ID, Save Information)

9.3.1 Scanner Status

TOP PREVIOUS NEXT

This function indicates scanner status, updating it every few seconds.

The status messages and its contents are as follows.

Classified Code	Status Message	Contents		
-	Scanner has no error.	No error		
U11, U12, U13, U14, U15, U16, U17	Jam occurred! Please open the door and remove the paper.	U11: Paper feed jam U12: Conveyor jam 1 (Paper did not reach the Starting Sensor.) U13: Conveyor jam 2 (Paper did not reach the Paper Jam Sensor.) U14: Conveyor jam 3 (Paper did not reach the Ending (Front) Sensor.) U15: Conveyor jam 4 (Paper did not reach the Ending (Rear) Sensor.) U16: Exit jam 1 (Paper did not go out of the Ending (Front) Sensor throughout.) U17: Exit jam 2 (Paper did not go out of the Ending (Rear)Sensor throughout.)		
U18	Paper remains in the Scanner. Please open the door and remove the paper.	Document remains in scanner, or dust is attached around a sensor.		
U20	Skew error occurred!	Skew error		
U23	Double Feed occurred! Please open the door and remove the paper.	Double feed error		
U30	Scanner Door is open! Please close the door.	Front Door is open.		
U32	Scanner Door is open! Please close the door.	Post-imprinter Door is open.		
U34	Scanner Door is open! Please close the door.	Pre-imprinter Door is open.		
Fxx	System error occurred! Please consult with a service representative.	Service-person call level error occurred.		
-	No Paper! Please set the paper.	No paper error		
-	*** Warning *** The rollers need to be cleaned. Please clean the rollers. Please select Clear Counter button after cleaning rollers.	Warning for cleaning rollers.		
-	*** Warning *** The rollers need to be replaced. Please replace the rollers. Please select Clear Counter button after replacing the rollers.	Warning for replacing rollers.		

- *** Warning *** Insufficient front light error occ The lamp and/or scanning sense to be replaced.	1 1 1
- *** Warning *** Insufficient back light error occ The lamp and/or scanning sense to be replaced.	
- *** Warning *** Please clean the surface of the issensor cover.	The surface of Image Sensor Cover is dirty.
- Scanner is not connected!	Scanner is not connected to PC properly.

Fig.9.3.1Scanner Status

9.3.2 Error Code

TOP PREVIOUS NEXT

Classified and Error codes are as follows.

And troubleshooting for this error message and codes is shown is Sec.10.2.

	Contents		Contents		Contents
U1-	Document	H1-		F1-	
U2-	Document	H2-		F2-	Hardware
U3-	Door	H3-		F3-	
U4-		H4-		F4-	
U5-		H5-		F5-	Sensor
U6-		H6-		F6-	Scanning
U7-		H7-		F7-	
U8-		H8-		F8-	
U9-		Н9-		F9-	

Fig.9.3.2 Classified Code Outline

ST1	Error contents
0x	Communication error
1x	Paper jam error
2x	Door open error
3x	Mechanical function error
4x	Paper sensor error
5x	Scanning error
6x	-
7x	-
8x	Hardware error
9x	Hardware error
Ax	-
Bx	-
Cx	-
Dx	-
Ex	-
Fx	-

Fig.9.3.3 Error Code Outline

Classified Code	Error Code			Contents		
	ST1 ST2 ST3 ST4		ST4			
-	00	00	00	00	No error	
-	0A	00	00	00	Stop by clicking STOP	
-	0B	00	00	00	Stop by ADF stop-command	
U11	11	00	00	00	Paper feed jam (Paper did not reach the Waiting Sensor.)	
U12	12	00	00	00	Conveyor jam 1 (Paper did not reach the Starting Sensor.)	
U13	13	00	00	00	Conveyor jam 2 (Paper did not reach the Paper Jam Sensor.)	
U14	14	00	00	00	Conveyor jam 3 (Paper did not reach the Ending (Front) Sensor.)	
U15	15	00	00	00	Conveyor jam 4 (Paper did not reach the Ending (Rear) Sensor.)	
U16	16	00	00	00	Exit jam 1 (Paper did not go out of the Ending (Front) Sensor throughout.)	
U17	17	00	00	00	Exit jam 2 (Paper did not go out of the Ending (Rear) Sensor throughout.)	
U18	18	×	00	00	Document remains in scanner (ST2: Sensor Information) *1	
U20	19	00	00	00	Skew error	
U23	1C	00	×	00	Double feed error (ST3:0 Feed interval /:3 Ultrasonic)	
U30	20	00	00	00	Front Door open	
U32	22	00	00	00	Post-imprinter Door is open.	
U34	24	00	00	00	Pre-imprinter Door is open.	
F17	87	×	00	00	GA-IMG SD-RAM error (ST2:0 Access error /:1 SD-RAM error)	
F18	88	00	00	00	GA-IMG Extension SD-RAM error	
F31	95	00	00	00	Analog IC error	
F32	96	00	00	00	SCSI IC error	
F33	97	00	00	00	USB IC error	
F34	98	00	00	00	EEPROM error	
F36	9A	×	00	00	Front GA-SEN SD-RAM error (ST2:0 Access error /:1 SD-RAM error)	
F37	9B	01	×	×	Over run error (ST3: Front Information, ST4: Back Information)	
F38	9C	×	00	00	Back GA-SEN SD-RAM error (ST2:0 Access error /:1 SD-RAM error)	
F40	30	00	00	00	Hopper error	
F50	40	00	00	00	Waiting Sensor adjustment error	
F51	41	00	00	00	Starting Sensor adjustment error	
F52	42	00	00	00	Skew (R) Sensor adjustment error	
F53	43	00	00	00	Skew (L) Sensor adjustment error	
F54	44	00	00	00	Paper Jam Sensor adjustment error	
F55	45	00	00	00	Ending (Front) Sensor adjustment error	
F56	46	00	00	00	Ending (Rear) Sensor adjustment error	
F60	50	00	00	00	Front side gain adjustment error	
F61	51	00	00	00	Front side black level adjustment error	

F62	52	00	00	00	Back side gain adjustment error	
F63	53	00	00	00	Back side black level adjustment error	
F80	60	00	00	00	Double Feed Detector adjustment error	

Fig.9.3.4 Error Code

Note: *1 ST2

Bit	Sensor Name
7	-
6	Waiting Sensor
5	Starting Sensor
4	Paper Jam Sensor
3	Ending (Front) Sensor
2	Ending (Rear) Sensor
1	Skew (L) Sensor
0	Skew (R) Sensor

9.3.3 Scanner information

TOP PREVIOUS NEXT

This function provides various types of scanner information to user or service-person. Main contents are as follows.

- (1) Model
- (2) Firmware Version
- (3) Board and Gate Array (LSI) version
- (4) Total memory size
- (5) Interface information
- (6) Pre-Imprinter and Post-imprinter conditions
- (7) Compatible mode

9.3.4 Scanner Counter

TOP PREVIOUS NEXT

Item	Operation	Default	Remarks
Update All Counter	Click Update All Counter to update counter's values. Confirm the values of the System, After Clean Roller, and After Replace Roller are updated on the main menu (Service Utility).	-	
Clear Counter for cleaning roller	 Click Clear Counter to clear the counter for cleaning roller. Confirm the counter value is zero on the main menu (Service Utility). 	-	After cleaning rollers (Paper Feed, Separation, and Retard Rollers), execute this item.
Clear Counter for replacing roller	 Click Clear Counter to clear the counter for replacing roller. Confirm the counter value is zero on the main menu (Service Utility). 	-	After replacing rollers (Paper Feed, Separation, and Retard Rollers), execute this item.

9.3.5 Scanner Condition

Item	Operation	Default	Remarks
Sleep Mode	 Click Sleep Mode on the main menu (Service Utility). Set Sleep Mode to enable or disable by checking check-box. Set Waiting time (minutes) to change sleep mode. Click OK to renew the setting. 	Enable 15 minutes	
Clean Imprinter	Click Clean Imprinter on the main menu to clean an ink jet head to print.	-	This item is available only in case of installing Imprinter (Option) to scanner.
Paper Mode / Buzzer Setting	 Click Paper Mode / Buzzer Setting on the main menu. Set Paper Mode (A4 or Letter) and/or Buzzer Setting (ON or OFF) on Paper Mode / Buzzer Setting dialog box. Click OK to renew the setting. 		
Compatible Mode	 Click Compatible Mode on the main menu. Set a model number to operate the scanner as the emulation mode on Compatible Mode dialog box. Click OK to renew the setting. 		
User Shading	 Click User Shading on the main menu. Push Start Shading or Restore Default on User Shading dialog box. Note: A. When selecting Restore Default, the factory-setting data will be overwritten in stead of the current shading data. B. The following procedures 3 or more are available only for selecting Start Shading Clean the conveyor, rollers, Image Sensor Covers according to the message on the display. And click OK. Switch Reference Plates to white according to the message on the display. And click OK. Set the accessory Shading Paper or Shading Paper (Part No.: See 14.7.) on the Hopper Tray in the following orientation. (i) In case of KV-S3065CW Landscape orientation (ii) In case of KV-S3065CL 	-	1. Before executing the shading function, be sure to clean Image Sensor Covers, rollers, and conveyors related to convey documents. 2. Do not stop the shading execution on its way and do not open any doors.

	 → Portrait orientation And click OK . 6. Scan the Shading Paper. 7. Switch the Reference Plates to black according to the message on the display. And click OK . 8. Click OK to get back to the main menu. 		
Warning Setting	Click Warning Setting on the main menu. Change the parameter on Warning Setting dialog box. Click OK to renew the setting.	Clean: 20000 Replace: 300000	
Set Default	Click Set Default on the main menu. Click Set Default on Set Default dialog box to some Sleep Mode setting, Clean Roller Timing, and ReplaceRoller Timing to be in default. Click Close to get back the main menu.	et	

9.3.6 Test

Item	Operation	Default	Remarks
LED	Click LED on the main menu. Click START on LED dialog box to start LED Test continuously until clicking STOP. Click Close to get back the main menu.	-	Changing periodically (Green→Orange→Red→Green)
Key / Sensor	Click Key / Sensor on the main menu. Check key and sensor status on the Key / Sensor dialog box.	-	
	3. Click Close to get back to the main menu.		
Sensor Sensitive Level	 Click Sensor Sensitive Level on the main menu. Click each sensor sensitive level (Offset, Slice) on Sensor Sensitive Level dialog box. Click Close to get back to the main menu. 	-	Good result Offset: less than 255 Slice: 7
Feed Motor	 Click Feed Motor on the main menu. Click START on Feed Motor dialog box to start to rotate Paper Feed Motor continuously until clicking STOP. Click Close to get back to the main menu. 	-	
Conveyor Motor	Click Conveyor Motor on the main menu. Click START on Conveyor Motor dialog box to start to rotate Conveyor Motor continuously until clicking STOP . Click Close to get back to the main menu.	-	
Hopper Drive	 Click Hopper Drive on the main menu. Click START on Hopper Drive dialog box to start to execute the hopper s Up/Down continuously until clicking STOP. Click Close to get back to the main menu. 	-	

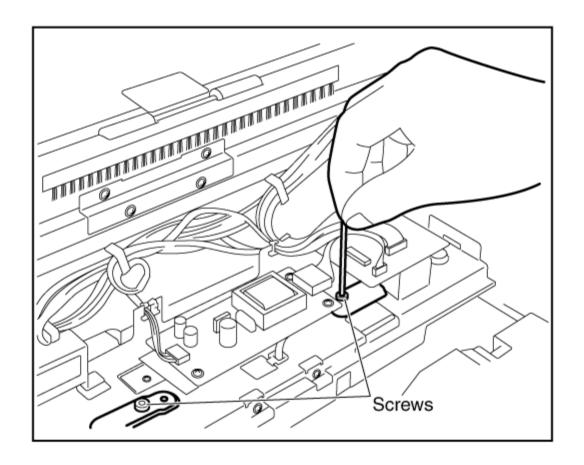
Feed	Set documents on the Hopper Tray. Click Feed on the main menu.	-	
	 Set Test Mode and Test Condition depending on each scanning condition. Note: Operation Imprinter is available only when the optional Imprinter is installed. Click START on Feed dialog box to start feeding documents. Click STOP on Feed dialog box to stop the test. Click Close to get back to the main menu. 		
eleep Mode	1. Click Sleep Mode on the main menu. 2. Click START on Sleep Mode dialog box to enter into the sleep mode. 3. Click STOP to get out of the sleep mode. 4. Click Close to get back to the main menu.	-	
CIS Level	1. Click CIS Level on the main menu. 2. Set Gain of front and back sides on the CIS Level dialog box. 3. Click START on the CIS Level dialog box to start CIS Level Test. 4. Check whether the peak level is within the specification. (See Remarks.) 5. Click STOP to finish this test. 6. Click Close to get back to the main menu.	-	Gain Good result (Peak Level) Front: 0 400 or more Back: 0
IS Focus	 Pull the Front Door Release to open the Front Door. Set the Focus Chart (Part No.: See 14.7.) on the Image Sensor Cover (B) (Reference Plate (F) s position) as shown in Fig.7.2.2-2. Close the Front Door slowly until it clicks into place. Click CIS Focus on the main menu. Click START on the CIS Focus dialog box to execute the CIS Focus test. 	-	Good result
	6. When finishing confirming a CIS gray density level on the display, click STOP on the CIS Focus dialog box. 7. Click Close to get back the main menu. ** When CIS gray level is out of specification as the result of this adjustment, re-try this item after executing UserShading. And if the problem still exists, see Note 2: How to adjust CIS Focus.		See Note 1.

Double Feed	1. Click Double Feed for Test item on the main menu. 2. Set Send Level and Frequency on Double Feed Sensor dialog box. 3. Click START on the Double Feed Sensor dialog box to start the double feed sensor s sensitivity test. 4. Check whether the peak level is within the specification (See Remarks.) 5. Click STOP to finish this test. 6. Click Close to get back to the main menu.	-		Good result (Peak Level) 400 or more
Memory	 Click Memory on the main menu. Click START on Memory dialog box to start Memory Read / Write Test. Check the result. Click Close to get back to the main menu. 	-	Regarding to Error Code, refer to Sec.9.3.2.	

Note 1: Fig.9.3.6-1

Note 2: How to adjust CIS Focus

- 1. After getting back to the main menu, finish this Service Utility.
- 2. Turn off the scanner.
- 3. Remove the Shield Cover that covers RELAY (UPPER) Board.
 - \rightarrow See 8.4.5- (1), (2).
- 4. Turn on the scanner.
- 5. Re-start the Service Utility and execute CIS Focus test again according to the above procedure.
- 6. Monitoring the indication on PC, turn the screws on both sides to adjust the waveform so as to be in spec. as shown on the above Remarks.



9.3.7 Adjust

Item	Operation	Default	Remarks
Shading	 Click Shading on the main menu to execute shading correction. Confirm the message The data of User Shading will be also overwritten. on the display. And if the message is acceptable, click OK. Clean the conveyor, rollers, Image Sensor Covers according the message on the display. And click OK. Switch Reference Plates to white according to the message on the display. And click OK. Set Shading Paper (Part No.: See 14.7.) on the Hopper Tray in the following orientation. (i) In case of KV-S3065CW → Landscape orientation (ii) In case of KV-S3065CL → Portrait orientation And click OK. Scan the Shading Paper. Switch the Reference Plates to black according to the message on the display. And click OK. Click OK to get back to the main menu. 	-	Do not stop the shading execution on its way and do not open any doors.
All Position	 Set 2pcs of test chart A (Part No.: See 14.7.) on the Hopper Tray in the portrait orientation. Click All Position on the main menu to execute scanning position & length adjustment. Check the result. Click OK to get back to the main menu. 	-	Set 2 pcs of test chart A in order. 1st page: Front side 2nd page: Back side
Individual Position	 Adjust Automatically A. Set test chart A (Part No.: See 14.7.) on the Hopper Tray in the portrait orientation. Click Individual Position on the main menu. Click one of 5 automatic adjustment menu on Individual Position dialog box to execute adjustment. Check the result. Click OK to finish this adjustment. Click OK to get back to the main menu. 	-	Adjust Automatically S automatic adjustment A. Adjust Length B. Adjust Front V. Position C. Adjust Front H. Position D. Adjust Back V. Position E. Adjust Back H. Position 2. Adjust Manually (Vertical Position) +: Increasing the number makes the document scanning position shifted downward (Horizontal Position)
	Adjust Manually A. Click Individual Position on the main menu. B. Change the parameter (mm, %) on the		+: Increasing the number makes the document scanning position shifted to the right.

	Individual Position dialog box, as required. (Refer to Remarks.) C. Click OK to renew the setting, and to get back to the main menu.	(Length) +: Increasing a number makes the scanning document length longer. Note: If the appropriate scanning position can not be obtained by any of the manual adjustments, check CIS installation.
Double Feed	1. Adjust Automatically A. Set Shading Paper (Part No.: See 14.7.) on the Hopper Tray in the portrait orientation. B. Click Double Feed for Adjust item on the main menu. C. Click Adjust Automatically on Double Feed Sensor dialog box to adjust the double-feed sensitivity. D. Check the result. E. Click OK to finish this adjustment. F. Click OK on the Double Feed Sensor dialog box to get back to the main menu. 2. Adjust Manually A. Click Double Feed for Adjust item on the main menu. B. Change parameters (Send Level, Frequency) as required on the Double Feed Sensor dialog box. C. Click OK on the Double Feed Sensor dialog box to get back to the main menu.	

9.3.8 Other (USB ID, Save Information)

TOP PREVIOUS NEXT

(1) USB ID.

After clicking USB ID on the main menu, click Set on USB ID dialog box to store a new serial number for a new CONTROL Board replaced. (This setting is onlyavailable for the new CONTROL Board.)

(2) Save Information

This function saves scanner and PC information (Counter values, Adjustment values, CPU, OS, and others) as log file, clicking Save file on the main menu.

9.4 Scanner Self-test

TOP PREVIOUS NEXT

Without connecting scanner to PC, the following contents can be done as the scanner self-test.

The following test is mainly available for mechanical test after replacing or reassembling rollers (Drive Roller, Conveyor Roller) and other mechanical parts related to feed documents.

Note:*7

Regarding each LED s (Front, Back) position in the following figure, see Sec.3.

Test Item	Operation		LED status	Remarks
		*7 Front	*7 Back	
			●: OFF	
1. Paper Feed Motor s rotating	1. While pushing STOP/START key on the front cover, turn on the scanner.	<u>-</u>	-	
	2. Release the key at the timing when the front LED status changes from blinking to ON.	Orange (Blinking) →Green	OFF→Blinking	
	3. Push the STOP/START key once to enter into the test selection mode.	Green	Blinking→Count	
	4. Push the STOP/START key once at the timing when the back panel LED s status is 1 (h) *1.	Green	*1 • • • •	
	Note: This operation allows the scanner to select the Feed Motor s rotating test.			
	5. Push the STOP/START key once to start the test.	Green	• • • 0	
	6. Push the STOP/START key once to stop the test.	Green	$\bullet \bullet \bullet \circ$	

	7. Turn off the scanner to finish the test.	-	-	
2. Conveyor Motor s rotating	1. While pushing STOP/START key on the front cover, turn on the scanner.	-	-	
	2. Release the key at the timing when the front LED status changes from blinking to ON.	Orange (Blinking) →Green	OFF→Blinking	
	3. Push the STOP/START key once to enter into the test selection mode.	Green	Blinking→Count	
	4. Push the STOP/START key once at the timing when the back panel LED s status is 2 (h) *2.	Green	*2 ● ● ○ ●	
	Note: This operation allows the scanner to select the Conveyor Motor s rotating test.			
	5. Push the STOP/START key once to start the test.	Green	• • •	
	6. Push the STOP/START key once to stop the test.	Green	• • •	
	7. Turn off the scanner to finish the test.	-	-	
3. Hopper Drive	1. While pushing STOP/START key on the front cover, turn on the scanner.	-	-	
	2. Release the key at the timing when the front LED status changes from blinking to ON.	Orange (Blinking) →Green	OFF→Blinking	
	3. Push the STOP/START key once to enter into the test selection mode.	Green	Blinking→Count	
	4. Push the STOP/START key once at the timing when the back panel LED s status is 4 (h) *4.	Green	*4 • • •	
	Note: This operation allows the scanner to select the Hopper Drive test.			

OFF → Blinking	
-	
- OFF → Blinking	
OFF → Blinking	
Blinking	
Blinking → Count	
*5 ● ○ ● ○	
● ○ ● ○	
-	
-	1. Before executing the shading function, be sure to clean Image Sensor Covers, rollers, and conveyors
OFF → Blinking	related to convey documents. 2. Do not stop the shading execution on its way. And do not open any doors
	except for the procedures 7 and 9 in the Operation Column of this test item.
	-

3. Set a Shading Paper (Part No.: See 14.7.) on the Hopper Tray in the following orientation. (i) In case of KV-S3065CW → Landscape orientation (ii) In case of KV-S3065CL → Portraitorientation	Green	Blinking
4. Push the STOP/START key once to enter into the test selection mode.	Green	Blinking → Count
5. Push the STOP/START key once at the timing when the back panel LED s status is 6 (h) *6. Note: This operation allows the	Green	*6 ● ○ ○ ●
scanner to select the Shading test.		
6. Push the STOP/START key for 5 seconds or more to enter into the shading test.	Green	• 0 0 •
7. After confirming the front cover LED is blinking with orange and green alternately, open the Front Door and switch the two Reference Plates (F, B) to the white side. And close the Front Door.	Blinking with orange and green alternately	• 0 0 •
8. Paper feeding starts to execute the shading.	Blinking with orange (during shading)	• 0 0 •
9. After confirming the front cover LED is blinking with orange and red alternately, open the Front Door again and switch the two Reference Plates (F, B) to the black side. And close the Front Door.	Blinking with orange and red alternately → Blinking with orange (during shading)	• 0 0 •
10. After confirming the front LED is green, turn off the scanner to finish the test.	Green → OFF	-

10 TROUBLESHOOTING

TOP PREVIOUS NEXT

10.1 Troubleshooting-1 (with no error message on PC)

10.2 Troubleshooting-2 (According to error message on PC)

10.2.1 Error Code

10.1 Troubleshooting-1 (with no error message on PC)

Phenomenon	Possible Cause	Check Point	Remar
No power	Power circuit does not work, properly.	1. Check Power Switch's ON/OFF mechanical condition. 2. Check the following connection and soldering condition. A. AC Inlet to CN801 (POWER Board) B. CN802 (POWER Board) to CN4003 (DRIVE Board) C. CN4005 (DRIVE Board) to CN5001 (POWER RELAY Board) D. CN4007 (DRIVE Board) to CN1010 (CONTROL Board) 3. Check the connection between the POWER Board and FAN. 4. Check whether the Fuse (F801) or Fuse (F841) is not broken. 5. Check the following parts soldering condition to repair it. → Q801, IC802 6. Check DC supply (24 V) on the POWER Board. → CN802-6, 7, 8th pins, CN803-1st pin 7. Check the following signals on the POWER Board. → IC801-8th: (See Fig.10.1.1.) → IC802-1st: (See Fig.10.1.2.) 8. Check DC supply (15 V, 5 V, 3.3 V) on the DRIVE Board. → CN4007-4th pin: 15.5 V CN4007-6, 7th pin: 5 V CN4007-10, 11th pin: 3.3 V 9. Replace faulty parts or boards.	
	2. Safely circuit operates, or is broken.	 Check whether improper connection and/or condition (for example, a signal line contacts to the plate around the POWER Board or DRIVE Board) affect this issue. Check the connection between CN802 (POWER Board) and CN4003 (DRIVE Board). Check the following parts soldering condition and signals on the POWER Board. CN802-1st pin IC803, IC804, IC805 Q802, Q806 Check the following parts soldering condition and signals on the DRIVE Board. D4002 to D4011 Replace faulty parts or boards. 	
	3. LED or its drive circuit does not work, correctly.	 Check the following connection and soldering condition on each connector. A. CN5000 (PANEL Board) to CN1011 (CONTROL Board) Check the soldering condition of D5000, Q5001, and Q5003 on the PANEL Board, and of Q1004 to Q1007, Z1049, and IC1024 on the CONTROL Board. Check the following signals. A. CN5000-2nd, CN1011-2nd pins: 0 V (when green LED turns ON) B. CN5000-3rd, CN1011-3rd pins: 0 V (when red LED turns ON) Replace faulty parts or boards. 	

Electrical circuit does not work, properly.	Check the connection between the FAN and CN803 (POWER Board). Check the following signals on the POWER Board. A. CN803-1st pin: 24 V
2. Mechanical problem prevents FAN from rotating.	Check whether obstacles that prevent the FAN from rotating exist. Replace the faulty FAN.
Refer to Error Code U30 . (See 10.2.1.)	Refer to Error Code U30 . (See 10.2.1.)
Buzzer or its control circuit does not operate, correctly.	Check the following connection and soldering condition on each connector. A. CN5000 (PANEL Board) to CN1011 (CONTROL Board) Check the soldering condition of Q5000, Q5002, Q5004, BZ5000, and their surrounding circuit on the PANEL Board, and of Z1051 and IC1024 on the CONTROL Board. Check the following signals. CN5000-1st, CN1011-1st pins : 1 kHz (when the buzzer sounds) Replace faulty parts or boards.
The location between document guide slider and Size Detector is not proper to detect document size.	Check whether the attachment of the SIZE DETECTOR Board is proper. Check the tip of the slider on the bottom of the hopper interrupts detector, according to sliding the guide, normally. Reattach or replace parts.
2. The Size detector or its monitor circuit does not work, correctly.	 Execute Key / Sensor test in Sec. 9.3.6 to check the detector condition. Check the following connection and soldering condition on each connector. A. CN5016 (SIZE DETECTOR Board) to CN5015 (HOPPER HOME Board) B. CN5012 (HOPPER HOME Board) to CN5010 (RELAY (LOWER) Board) C. CN5007 (RELAY (LOWER) Board) to CN1013 (CONTROL Board) Check the following parts and their surrounding circuit s soldering condition on the SIZE DETECTOR Board and CONTROL Board
Optical function block on the CIS has a problem.	 Check the surface of the Image Sensor Cover (F) is not dirty. Clean the surface with the cleaning paper. Alien substance in the CIS Remove it.
	2. Mechanical problem prevents FAN from rotating. Refer to Error Code U30 . (See 10.2.1.) Buzzer or its control circuit does not operate, correctly. 1. The location between document guide slider and Size Detector is not proper to detect document size. 2. The Size detector or its monitor circuit does not work, correctly.

	2. Pixel data from CIS (F) or image processing circuit have some problems.	1. Check the following connection and soldering condition on each connector. A. CIS (F) to CN3002 (CIS (F) RELAY Board) : Only for KV-S3065CW Series B. CIS (F) to CN3003 (CIS (F) RELAY Board) : Only for KV-S3065CL Series C. CN3001 (CIS (F) RELAY Board) to CN1003 (CONTROL Board) D. CN3000 (CIS (F) RELAY Board) to CN1002 (CONTROL Board) E. CN1000 (CONTROL Board) to CN2000 (INTERFACE Board) 2. Check the following CIS timing signals on the CIS (F) RELAY Board are normal. → CN3002-34th, 35th pins: 5 MHz : Only for KV-S3065CW Series → CN3003-28th, 29th pins: 5 MHz : Only for KV-S3065CL Series 3. Check the soldering condition of the IC1010, IC1011, IC1024 and their surrounding circuit on the CONTROL Board. 4. Check the soldering condition of the IC1006, IC1007, and their surrounding circuit on the CONTROL Board. 5. Check the soldering condition of the IC2045 and its surrounding circuit on the INTERFACE Board. 6. Replace faulty parts or boards.
The scanning image for the back side image is not clear.	Optical function block on the CIS has a problem	 Check the surface of the Image Sensor Cover (B) is not dirty. Clean the surface with the cleaning paper. Alien substance in the CIS Remove it.
	Pixel data from CIS (B) or image processing circuit have some problems.	1. Check the following connection and soldering condition on each connector. A. CIS (B) to CN3006 (CIS (B) RELAY Board) : Only for KV-S3065CW Series B. CIS (B) to CN3007 (CIS (B) RELAY Board) : Only for KV-S3065CL Series C. CN3004 (CIS (B) RELAY Board) to CN1004 (CONTROL Board) D. CN3005 (CIS (B) RELAY Board) to CN1005 (CONTROL Board) E. CN1000 (CONTROL Board) to CN2000 (INTERFACE Board) 2. Check the following CIS timing signals are normal. → CN3006-34th, 35th pins: 5 MHz : Only for KV-S3065CW Series → CN3007-28th, 29th pins: 5 MHz : Only for KV-S3065CL Series 3. Check the soldering condition of the IC1012, IC1013, IC1024 and their surrounding circuit on the CONTROL Board. 4. Check the soldering condition of the IC1008, IC1009, and their surrounding circuit on the CONTROL Board. 5. Check the soldering condition of the IC2046 and its surrounding circuit on the INTERFACE Board. 6. Replace faulty parts or boards.
Scanning position is shifted	When reassembling CIS or mechanical parts related to conveying documents, re-adjustment has not been done.	Execute All Position or Individual Position test in Sec.9.3.7 to adjust the scanning position.
	2. When replacing CONTROL Board, CIS, or mechanical parts related to conveying documents, re-adjustment has not been done.	
The document skews when scanning.	1. Document quality is out of this scanner s specification.	Check the specification on this scanner. (See Sec.2.)
	2. Rollers are dirty.	Clean the rollers. (See 7.2.)
	3. Rollers are not attached to the default position, properly when assembling.	Assemble the rollers again.
	4. Rollers have reached their life expectancy.	After inspecting them, replace the roller.

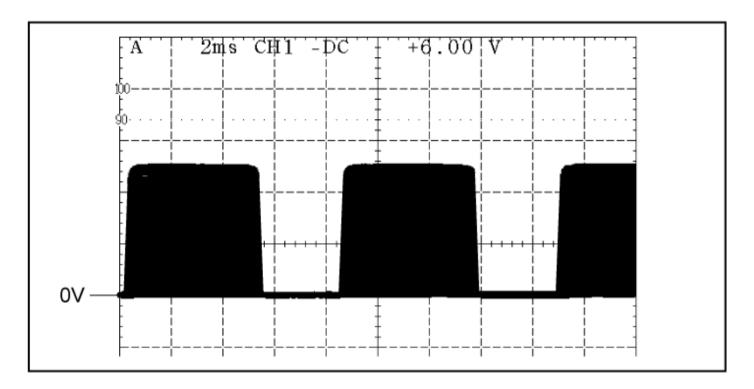
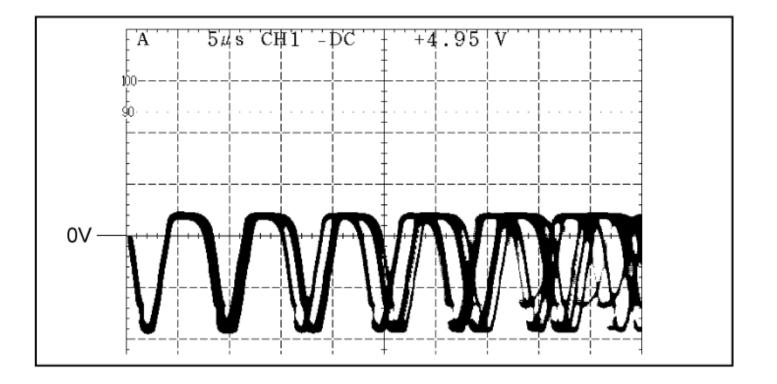


Fig.10.1.2



10.2 Troubleshooting-2 (According to error message on PC)

TOP PREVIOUS NEXT

10.2.1 Error Code

10.2.1 Error Code

Error Code	e				Possible Cause	Check Point	Remarks
Classified Code	ST1	ST	ST3	ST4			
Error Message	-	-	-	-	1. Documents are not set on the Hopper tray.	Set the documents on the tray.	
No paper!					2. Paper dust exists on or around the Paper sensor.	Blow off the dirt with the accessory blower. (See Sec.7.)	
Please set the paper. (No paper error)					3. Paper Sensor is not working correctly.	 Execute Key / Sensor test in the Sec.9.3.6 to check the sensor condition. Check the sensor attachment condition. (whether the sensor attachment direction faces to paper on the Hopper.) Check the following connection and soldering condition on each connector. A. Paper Sensor to CN5021 (SIZE DETECTOR Board) B. CN5016 (SIZE DETECTOR Board) to CN5015 (HOPPER HOME Board) C. CN5012 (HOPPER HOME Board) to CN5010 (RELAY (LOWER) Board) D. CN5007 (RELAY (LOWER) Board) to CN1013 (CONTROL Board) Check the signal *PAPER condition O V when paper exists. → Monitor points: CN5021-2nd pin,	
U11 (Paper feed jam: Paper did not reach the Waiting Sensor)	11	00	00	00	Paper Feed Roller Module or Retard Roller are not assembled correctly.	 Reassemble the rollers. Check the paper feed mechanism from the Paper Feed Motor s gear to Paper Feed Roller s gear. (See 6.4.) 	
					2. Rollers (Paper Feed, Separation, Retard) are dirty.	 Clean the rollers. (See Sec.7.) Clear counter for cleaning roller to zero with the service utility s operation in Sec.9. 	
					3. Rollers have reached their life expectancy.	Replace the Paper Feed, Separation, and Retard Rollers after checking each roller configuration and Scanner Counter of Service Utility software. Clear counter for replacing roller to zero with the above service utility.	_
					4. Paper dust exists on or around the Waiting Sensor.	Blow off the dirt with the accessory blower. (See Sec.7.) Execute Key / Sensor and Sensor Sensitive Level tests in Sec.9.3.6 to check the sensor condition.	

U11 (Paper feed jam: Paper did not reach the Waiting Sensor)	11	00	00	00	5. Waiting Sensor does not work correctly.	 Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector.) Check the following connection and soldering condition on each connector. A. CN5027 (WAITING SENSOR Board) to CN5025 (RELAY (UPPER) Board) B. CN5022 (RELAY (UPPER) Board) to CN1014 (CONTROL Board) Check the following signals. A. WAITING signal (CN5027-3rd pin, CN5025-3rd pin) → 0 V (when none exists on the Waiting Sensor) B. Check the reference signal for the STBY signal on the CONTROL Board. IC1014-2nd pin: 1.5 V or less IC1016-5th pin: Approx 1.5 V C. Check comparator output signal.
					6. Paper Feed Motor does not work properly.	 Check the motor mechanism condition, by carrying out Feed Motor test. (See 9.3.6.) Check the following connection and soldering condition on each connector. A. Paper Feed Motor to CN5006 (POWER RELAY Board) B. CN5006 to CN5002 on the POWER RELAY Board Check the following signals on the POWER RELAY Board. → CN5006-1, 3, 5, and 7th pins See Fig.10.2.1. Replace faulty cables. Replace the Paper Feed Motor.
U11 (Paper feed jam: Paper did not reach the Waiting Sensor)	11	00	00	00	7. Paper Feed Motor control circuit does not work properly.	1. Check following connection and soldering condition on each connector. A. CN5002 (POWER RELAY Board) to CN4008 (DRIVE Board) B. CN4001 (DRIVE Board) to CN5033 (POWER RELAY Board) C. CN5032 (POWER RELAY Board) to CN1012 (CONTROL Board) 2. Check the soldering condition of IC4002 on DRIVE Board to repair it. 3. Check the following signals on the DRIVE Board. A. IC4002-11th pin (CLK) See Fig.10.2.2 B. IC4002-7th pin (VREF): 2.3 V or less C. IC4002-15th pin (ENABLE): 5V (When executing Feed Motor test) 4. Check the soldering condition of IC1037 on the CONTROL Board to repair it. 5. Check the following signals on the CONTROL Board A. IC1037-11th pin (CLK) B. IC1037-2, 5, 6, 9, 12th pins 6. Replace faulty parts or boards.
U12 (Conveyor Jam 1: Paper did not reach the Starting Sensor.)	12	00	00	00	Document remains between Waiting Sensor and Starting Sensor. Paper dust exists on or around the Starting Sensor.	Remove the document from the scanner. 1. Blow off the dirt with the accessory blower. (See Sec.7.) 2. Execute Key / Sensor and Sensor Sensitive Level tests in Sec.9.3.6 to check the sensor condition.

					3. Starting Sensor does not work, correctly.	 Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector.) Check the following connection and soldering condition on each connector. A. CN5028 (STARTING SENSOR Board) to CN5026 (RELAY (UPPER) Board) B. CN5022 (RELAY (UPPER) Board) to CN1014 (CONTROL Board) Check the following signals. A. STARTING signal (CN5028-2nd pin, CN5026-2nd pin, CN5022-3rd pin, CN1014-3rd pin) → 0 V (when none exists on the Starting Sensor) B. Check the reference signals for the PHEAD signal on the CONTROL Board. → IC1014-9th pin: 1.5 V or less (After initializing) → IC1016-9th pin: Approx. 1.5 V C. Check comparator output signal. → IC1016-14th pin: 3.3 V (When no paper exists) Replace faulty parts or boards. 	
U12 (Conveyor Jam 1: Paper did not reach the Starting Sensor.)	12	00	00	00	4. Mechanical problem (Drive Roller, Drive Belt, Conveyor)	 Execute Feed Motor and Conveyor Motor tests in Sec. 9.3.6 to check the mechanical condition. Check whether the Drive Rollers (especially Drive Roller 1), the Drive belt, and whether the conveyor to support the Drive Rollers are put together into the scanner, properly. Check the surfaces of the Drive Rollers. A. Configuration:	
					5. Conveyor Motor does not work properly.	 Execute Conveyor Motor test in Sec.9.3.6 to check the motor's rotating condition. Check the following connection and soldering condition on the POWER RELAY Board. A. Conveyor Motor to CN5005 (POWER RELAY Board) B. CN5005 to CN5002 on the POWER RELAY Board Check the following signals → CN5005-1, 3, 4, or 6th pins (when executing Conveyor Motor test) : See 10.2.3. Replace faulty parts or POWER RELAY Board. 	
U12 (Conveyor Jam 1: Paper did not reach the Starting Sensor.)	12	00	00	00	6. Conveyor Motor circuit does not work properly.	1. Execute Conveyor Motor test in Sec. 9.3.6 to check the motor's rotating condition. 2. Check the following connection and soldering condition. A. CN5002 (POWER RELAY Board) to CN4008 (DRIVE Board) B. CN4001 (DRIVE Board) to CN5033 (POWER RELAY Board) C. CN5032 (POWER RELAY Board) to CN1012 (CONTROL Board) D. CN1000 (CONTROL Board) to CN2000 (INTERFACE Board) 3. Check the soldering condition of IC4001 and its surrounding circuit on DRIVE Board to repair it. 4. Check the following signals on the DRIVE Board. A. IC4001-11th pin (CLK) : See Fig. 10.2.4. B. IC4001-7th pin (VREF): 2.3 V or less C. IC4001-15th pin (ENABLE): 5 V (When executing Conveyor Motor test) 5. Check the soldering condition of IC1038 on CONTROL Board to repair it.	

						A. 11th pin (CLK) B. 2, 5, 6, 9, and 12th pins 6. Check the soldering condition of IC2045-224th pin on the INTERFACE Board to repair it. 7. Replace faulty parts or boards.
U13 (Conveyor Jam 2)	13	00	00	00	Document remains between Starting Sensor and Paper Jam Sensor.	Remove the document from the scanner.
Paper did not reach the Paper Jam Sensor.)					2. Paper dust exists on or around Paper Jam Sensor.	Blow off the dirt with the accessory blower. (See Sec.7.) Execute Key / Sensor and Sensor Sensitive Level tests in Sec.9.3.6 to check the sensor condition.
					3. Paper Jam Sensor does not work correctly.	 Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector.) Check the following connection and soldering condition on each connector. A. CN5019 (PAPER JAM SENSOR Board) to CN5017 (POINTER Board) B. CN5013 (POINTER Board) to CN5008 (POWER RELAY Board) C. CN5032 (POWER RELAY Board) to CN1012 (CONTROL Board) Check the following signals. A. JAM signal (CN5019-1st pin, CN5017-1st pin, CN5013-2nd pin, CN5008-2nd pin, CN5032-30th pin, CN1012-30th pin) → 0 V (when none exists on the Paper Jam Sensor) B. Check the reference signals for the PJAM signal on the CONTROL Board.
					4. Mechanical problem (Drive Rollers, Conveyor Rollers, Drive Belt, Conveyor)	 Check the Pointer's mechanical position and Pointer Detector's status. Execute Conveyor Motor test in Sec. 9.3.6 to check the mechanical condition. Check whether the Drive Rollers (2, 3), Conveyor Rollers (1, 2) and Drive belt, and whether the conveyors to support the Drive Rollers and Conveyor Rollers are put together into the scanner, properly. Check the surfaces of the Drive Rollers (2, 3) and of the Conveyor Rollers (1, 2). A. Configuration:
U14 (Conveyor Jam 3)	14	00	00	00	1. Document remains between Paper Jam Sensor and Ending (Front) Sensor.	Remove the document from the scanner.
: Paper did not reach the Ending (Front) Sensor.)					2. Paper dust exists on or around the Ending (Front) Sensor.	Blow off the dirt with the accessory blower. (See Sec.7.) Execute Key / Sensor and Sensor Sensitive Level tests in Sec.9.3.6 to check the sensor condition.

					3. Ending (Front) Sensor does not work, correctly.	 Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector.) Check the following connection and soldering condition on each connector. A. CN5024 (ENDING (FRONT) SENSOR Board) to CN5023 (RELAY (UPPER) Board) B. CN5022 (RELAY (UPPER) Board) to CN1014 (CONTROL Board) Check the following signals. A. F_ENDING signal (CN5024-3rd pin, CN5023-3rd pin, CN5022-2nd pin, CN1014-2nd pin) → 0 V (when none exists on the Ending (Front) Sensor) B. Check the reference signals for the PEXIT signal on the CONTROL Board. → IC1015-6th pin: 1.5 V or less (After initializing) → IC1017-7th pin: Approx. 1.5 V C. Check comparator output signal. → IC1017-1st pin: 3.3 V (When no paper exists) Replace faulty parts or board. 	
					4. Mechanical problem (Drive Roller, Drive Belt, Conveyor)	 Execute Conveyor Motor test in Sec.9.3.6 to check the mechanical condition. Check whether the Conveyor Rollers (2, 3) and Drive belt, and whether the conveyor to support the Drive Rollers are put together into the scanner, properly. Check the surfaces of the Conveyor Rollers (2, 3). A. Configuration:	
U15 (Conveyor Jam 3 : Paper did not reach the Ending (Rear) Sensor.)	15	00	00	00	Document remains between Starting Sensor and Ending (Rear) Sensor. Paper dust exists on or around the Ending (Rear) Sensor.	Remove the document from the scanner. 1. Blow off the dirt with the accessory blower. (See Sec.7.)	
					3. Ending (Rear) Sensor does not work, correctly.	 Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector.) Check the following connection and soldering condition on each connector. A. CN5020 (ENDING (REAR) SENSOR Board) to CN5018 (POINTER Board) B. CN5013 (POINTER Board) to CN5008 (POWER RELAY Board) C. CN5032 (POWER RELAY Board) to CN1012 (CONTROL Board) Check the following signals. A. R_ENDING signal (CN5020-1st pin, CN5018-1st pin, CN5013-3rd pin, CN5008-3rd pin, CN5032-31st pin, CN1012-31st pin) → 0 V (when none exists on the Ending (Rear) Sensor) B. Check the reference signals for the REXIT signal on the CONTROL Board.	

					4. Mechanical problem (Drive Roller, Straight Exit Roller, Drive Belt, Conveyor, Pointer)	 Execute Conveyor Motor test in Sec. 9.3.6 to check the mechanical condition. Check the Pointer's mechanical position and Pointer Detector's status. Check whether the Drive Rollers (2, 3), and Straight Exit Roller, Drive belt, and the conveyor to support the rollers are put together into the scanner, properly. Check the surfaces of the Drive Rollers (2, 3), of the Straight Exit Roller. A. Configuration:
U16	16	00	00	00	Document remains forward Ending (Front) Sensor.	Remove the document from the scanner.
(Exit Jam 1 : Paper did not go out of the Ending (Front) Sensor throughout.					2. Paper dust exists on or around the Ending (Front) Sensor.	Blow off the dirt with the accessory blower. (See Sec.7.2.) Execute Key / Sensor and Sensor Sensitive Level tests in Sec.9.3.6 to check the sensor condition.
					3. Mechanical problem (Exit Roller, Drive Belt, Conveyor)	 Execute Conveyor Motor test in Sec.9.3.6 to check the mechanical condition. Check whether the Conveyor Rollers (2, 3), Exit Roller, Drive belt, and the conveyor to support the rollers are put together into the scanner, properly. Check the surfaces of the Conveyor Rollers (2, 3), and of the Exit Roller. A. Configuration:
U17	17	00	00	00	Document remains forward Ending (Rear) Sensor.	Remove the document from the scanner.
(Exit Jam 2 : Paper did not go out of the Ending (Rear) Sensor throughout.					2. Paper dust exists on or around the Ending (Rear) Sensor.	Blow off the dirt with the accessory blower. (See Sec.7.2.) Execute Key / Sensor and Sensor Sensitive Level tests in Sec.9.3.6 to check the sensor condition.
					3. Mechanical problem (Straight Exit Roller, Drive Roller, Drive Belt, Conveyor)	 Execute Conveyor Motor test in Sec. 9.3.6 to check the mechanical condition. Check whether the Drive Roller 3, Straight Exit Roller, Drive belt, and the conveyors to support the rollers are put together into the scanner, properly. Check the surfaces of the Straight Exit Roller, and of the Drive Roller 3. A. Configuration:

					2. Paper dust exists on a sensor.	Execute Key / Sensor and Sensor Sensitive Level tests in Sec.9.3.6 to define the sensor that results in this problem. Blow off the dirt on the surface of the sensor with the accessory blower. (See Sec.7.2.)
					3. A sensor does not work correctly.	1. Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to define the sensor that occurs this problem. 2. Check each sensor, its connection, and its monitor circuit. A. Waiting Sensor → See the 5th item of U11. B. Starting Sensor → See the 3rd item of U12. C. Skew (L) or Skew (R) Sensor → See the 6th and 7th item of U20. D. Ending (Front) Sensor → See the 3rd item of U14. E. Ending (Rear) Sensor → See the 3rd item of U15. F. Paper Jam Sensor → See the 3rd item of U13.
U20 : Skew error	19	00	00	00	Document on the Hopper Tray is not set correctly.	Set the document on the Hopper Tray, sliding the Document Guide according to the document width. And execute scanning, again.
					2. Front Door is not closed firmly.	Close the door surely.
					3. A roller (Paper Feed, Separation, Retard, Drive, Conveyor, Exit, or Free) is dirty.	 Clean the rollers. (See Sec.7.2.) Clear counter for cleaning roller to zero with the service utility s operation in Sec.9.
					4. A roller (Paper Feed, Separation, Retard, Drive, Conveyor, or Exit) swells irregularly.	Replace the roller. Note: After replacing Paper Feed, Separation, and Retard rollers, clear the counter for replacing roller to zero with the service utility.
					5. Paper dust exists on or around a Skew Sensor.	Blow off the dirt on the surface of the sensor with the accessory blower. (See Sec.7.2.)
U20 : Skew error	19	00	00	00	6. The Skew (L) Sensor does not work, properly.	 Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector). Check the following connection and soldering condition on each connector. A. CN5027 (WAITING SENSOR Board) to CN5025 (RELAY (UPPER) Board) B. CN5022 (RELAY (UPPER) Board) to CN1014 (CONTROL Board) Check the following signals. A. SKEW_L signal (CN5027-4th pin, CN5025-4th pin, CN5022-6th pin, CN1014-6th pin) → 0 V (when none exists on the Skew (L) Sensor) B. Check the reference signals for the SKEWL signal on the CONTROL Board. → IC1015-9th pin: 1.5 V or less

					7. The Skew (R) Senso	r does not work, properly.	 Execute Key / Sensor and Sensor Sensitive Level tests in Sec.9.3.6 to check the sensor condition. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector). Check the following connection and soldering condition on each connector. A. CN5030 (SKEW (R) Board) to CN5029 (WAITING SENSOR Board) B. CN5027 (WAITING SENSOR Board) to CN5025 (RELAY (UPPER) Board) C. CN5022 (RELAY (UPPER) Board) to CN1014 (CONTROL Board) Check the following signals. A. SKEW_R signal (CN5030-2nd pin, CN5029-2nd pin, CN5027-2nd pin, CN5025-2nd pin, CN5022-4th pin, CN1014-4th pin) → 0 V (when none exists on the Skew (R) Sensor) B. Check the reference signals for the SKEWR signal on the CONTROL Board.
U23 (Double feed error)	1C 00	00	xx	00	Double feed occurs.	1. Document quality is out of spec. of this scanner	Set the correct documents on the Hopper Tray according to this scanner specification. Note: Refer to Sec.2.
						ADF/Manual Feed Selector is in MANUAL .	Set the ADF/Manual Feed Selector to 1, 2, 3, or 4. Execute scanning, again.
						3. Rollers (Paper Feed, Separation, Retard) are not assembled, properly.	1. Reassemble the rollers.
						4. Rollers (Paper Feed, Separation, Retard) are dirty.	 Clean the rollers. Clear counter for cleaning roller to zero with the above service utility.
						5. Rollers have reached their life expectancy.	 Replace the Paper Feed, Separation, and Retard Rollers after checking each roller configuration and Scanner Counter of Service Utility software. Clear counter for replacing roller to zero with the above service utility.

U23 (Double feed error)	1C	00	xx	00	Double feed does not occur.	2. Double Feed Detector (R) does not work, properly. 2. Double Feed Detector (R) does not work, properly.	1. Execute Double Feed test in Sec. 9.3.6 to check the detector condition. 2. Check whether the Double Feed Detector (G) is aligned properly. 3. Check the following connection and soldering condition on each connector. A. Double Feed Detector (G) to CNS031 (RELAY (UPPER) Board) B. CNS022 (RELAY (UPPER) Board) to CN1014 (CONTROL Board) 4. Check the following parts soldering condition to repair it. A. CONTROL Board
U30 (Door open)	20	00	00	00	1. Front Door is not clos	sed enough.	1. Shut the door properly.
					2. Door SW (Micro swit	tch) does not work correctly.	Execute Key / Sensor in Sec.9.3.6 to check the door switch s mechanical condition between the door and micro switch. Check the connection between the door switches (Front Door Switch) and CN5003 on the POWER RELAY Board. Replace a faulty cable or switch.

					3. Monitor circuit to check the door ON/OFF condition is broken.	 Check the following connection and soldering condition on each connector. A. CN5001 (POWER RELAY Board) to CN4005 (DRIVE Board) B. CN4001 (DRIVE Board) to CN5033 (POWER RELAY Board) C. CN5032 (POWER RELAY Board) to CN1012 (CONTROL Board) Check the following parts soldering condition to repair it. A. DRIVE Board Q4007, R4005, R4007, D4001 B. CONTROL Board IC1024-120th pin Check the following signals. A. +24VIL (D4001 Cathode): 24 V B. DOOR1 (CN4001-34th pin, CN5033-3rd pin, CN5032-3rd pin, CN1012-3rd pin): 0 V Replace faulty parts or boards.
U32 (Post-imprinter Door Open)	22	00	00	00	Post-imprinter Door is not closed enough.	1. Shut the door properly.
					2. Post-imprinter Door Detector does not work correctly.	 Check the tip inside the Post-imprinter Door interrupts the detector when closing the door. Execute Key / Sensor in Sec.9.3.6 to check the detector status. Check the following connection and soldering condition on each connector. A. CN5014 (POST-IMPRINTER DOOR Board) to CN5009 (POWER RELAY Board) B. CN5032 (POWER RELAY Board) to CN1012 (CONTROL Board) Check the following parts soldering condition to repair it. A. POST-IMPRINTER DOOR Board → IC5004, Q5009, R5032, R5034 B. CONTROL Board → IC1035, Z1067, Z1071 Check the following signals on POST-IMPRINTER DOOR, POWER RELAY, and CONTROL Boards. A. CN5014-3rd pin, CN5009-3rd pin, CN5032-29th pin, and CN1012-29th pin → 0 V (when opening the Post-imprinter Door) Replace faulty parts or boards.
U34 (Pre-imprinter Door Open)	24	00	00	00	1. Pre-imprinter Door is not closed enough.	1. Shut the door properly.
					2. Pre-imprinter Door Detector does not work correctly.	 Check the tip inside the Pre-imprinter Door interrupts the detector when closing the door. Execute Key / Sensor in Sec.9.3.6 to check the detector status. Check the following connection and soldering condition on each connector. A. CN5022 (RELAY (UPPER) Board) to CN1014 (CONTROL Board) Check the following parts soldering condition to repair it. A. RELAY (UPPER) Board → Q5019, IC5014, R5052, R5054 B. CONTROL Board → IC1035, Z1064, Z1070 Check the following signals on the RELAY (UPPER) Board and CONTROL Board. A. CN5022-7th pin, CN1014-7th pin → 0 V (when opening the Pre-imprinter Door) Replace faulty parts or boards.

F17 GA-IMG SDRAM error)	87	xx	00	00	Access error to SDRAM (IC2018, IC2019, IC2020, IC2021) on the INTERFACE Board	 Check the soldering condition of the Gate Array (IC2047) on the INTERFACE Board to repair it. Check the soldering condition of the SDRAM (IC2018, IC2019, IC2020, IC2021) on the INTERFACE Board to repair it. Replace faulty parts or INTERFACE Board.
F18 GA-IMG Additional SDRAM error)	88	00	00	00	Access error to an additional SDRAM attached to CN2007	 Check whether the additional SDRAM is attached to CN2007, properly. Or re-attach it. Check the SDRAM is one of the memories recommended by PCC. Check the soldering condition of the Gate Array (IC2047) and its surrounding circuit on the INTERFACE Board to repair it. Check the soldering condition of the CN2007 (for the SDRAM) and its surrounding circuit on the INTERFACE Board to repair it. Replace faulty parts or INTERFACE Board.
F31 (Analogue IC Error)	95	00	00	00	Access error to Analogue IC	 Check the soldering condition of the IC1010 to IC1013 and its surrounding circuit on the CONTROL Board to repair it. Check the soldering condition of the IC1024 and its surrounding circuit on the CONTROL Board to repair it. Replace the CONTROL Board.
F32 (SCSI IC Error)	96	00	00	00	Access error to SCSI Controller	 Check the connection and soldering condition between CN2000 (INTERFACE Board) and CN1000 (CONTROL Board). Check the soldering condition of the SCSI Controller (IC2029) and its surrounding circuit on the INTERFACE Board to repair it. Check the soldering condition of the Address Decoder (IC1032: especially 15th pin) and its surrounding circuit on the CONTROL Board to repair it. Replace faulty parts or boards (CONTROL or INTERFACE).
F33 (USB IC Error)	97	00	00	00	Access error to USB Controller	 Check the connection and soldering condition between CN2000 (INTERFACE Board) and CN1000 (CONTROL Board). Check the soldering condition of the USB Controller (IC2031) and its surrounding circuit on the INTERFACE Board to repair it. Check the soldering condition of the Address Decoder (IC1032: especially 14th pin) and its surrounding circuit on the CONTROL Board to repair it. Replace faulty parts or boards (CONTROL or INTERFACE).
F34 EEPROM Error)	98	00	00	00	Access error to EEPROM	 Check the soldering condition of the EEPROM (IC1023) and its surrounding circuit on the CONTROL Board to repair it. Check the soldering condition of the CPU (IC1024: 113, 114, 115th pins) and its surrounding circuit on the CONTROL Board to repair it. Replace faulty parts or CONTROL Board.
GA-SEN (Front) SDRAM Error)	9A	xx	00	00	Access error to SDRAM (IC2006, IC2007, IC2008)	 Check the soldering condition of the Gate Array GA-SEN (IC2045) and its surrounding circuit on the INTERFACE Board to repair it. Check the soldering condition of the SDRAM (IC2006, IC2007, IC2008) and its surrounding circuit on the INTERFACE Board to repair it. Replace faulty parts or INTERFACE Board.

F37 (Overrun Error)	9B	01	xx	xx	Overrun error during image scanning process	1. Confirm the firmware version.
F38 (GA-SEN (Back) SDRAM Error)	9C	XX	00	00	Access error to SDRAM (IC2010, IC2011, IC2012)	 Check the soldering condition of the Gate Array GA-SEN (IC2046) and its surrounding circuit on the INTERFACE Board to repair it. Check the soldering condition of the SDRAM (IC2010, IC2011, IC2012) and its surrounding circuit on the INTERFACE Board to repair it. Replace faulty parts or INTERFACE Board.
F40 (Hopper Error)	30	00	00	00	Paper Feed Motor does not work properly.	 Check the hopper mechanism condition, by carrying out Hopper Drive test. (See 9.3.6.) Check the following connection and soldering condition on each connector. A. Paper Feed Motor to CN5006 (POWER RELAY Board) B. CN5006 to CN5002 on the POWER RELAY Board Check the following signals → CN5006-1, 3, 5, 7th pins See Fig.10.2.1 Replace faulty cables. Replace the Paper Feed Motor.
					Paper Feed Motor control circuit does not work properly.	 Check following connection and soldering condition on each connector. A. CN5002 (POWER RELAY Board) to CN4008 (DRIVE Board) B. CN4001 (DRIVE Board) to CN5033 (POWER RELAY Board) C. CN5032 (POWER RELAY Board) to CN1012 (CONTROL Board) Check the soldering condition of IC4002 on DRIVE Board to repair it. Check the following signals on the DRIVE Board. A. IC4002-11th pin (CLK) : See Fig.10.2.2 B. IC4002-7th pin (VREF): 2.3 V or less C. IC4002-15th pin (ENABLE): 5 V (When executing Feed motor test) Check the soldering condition of IC1038 on CONTROL Board to repair it. A. 11th pin (CLK) B. 2, 5, 6, 9, 12th pins Replace faulty parts or boards.
					3. Rotation from the Paper Feed Motor Gear is not transmitted, to the hopper properly.	 Check the hopper mechanism condition, by carrying out Hopper Drive test. (See 9.3.6.) Note: Hopper lift drive mechanism → See 6.4 and 6.5. Reassemble improper lay-out or replace faulty parts.

F40 (Hopper Error)	30	00	00	00	4. Hopper Home Detector does not work correctly.	 Check the alignment of Hopper Home Detector and its actuator is proper. Execute Key / Sensor test in Sec.9.3.6 to check the sensor condition. Check the following connection and soldering condition on each connector. A. CN5012 (HOPPER HOME Board) to CN5010 (RELAY (LOWER) Board) B. CN5007 (RELAY (LOWER) Board) to CN1013 (CONTROL Board) Check the soldering condition of IC5002 and its surrounding circuit on the HOPPER HOME Board, and of IC1036 and its surrounding circuit on the CONTROL Board to repair it. Check the following signals. HOPPER HOME signal (CN5012-8th pin on the HOPPER HOME Board, IC1036-3rd pin on the CONTROL Board) → Approx. 3.3 V (when the actuator interrupts the detector) Replace faulty parts or boards.
F50 (Waiting Sensor adjustment error)	40	00	00	00	1. Paper dust exists on or around the Waiting Sensor.	Blow off the dirt with the accessory blower. (See 7.2.) Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition.
					2. Waiting Sensor does not work correctly.	 Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector). Check the following connection and soldering condition on each connector. A. CN5027 (WAITING SENSOR Board) to CN5025 (RELAY (UPPER) Board) B. CN5022 (RELAY (UPPER) Board) to CN1014 (CONTROL Board) Check the following signals. A. WAITING signal (CN5027-3rd pin, CN5025-3rd pin) → 0 V (when none exists on the Waiting Sensor) B. Check the reference signal for the STBY signal on the CONTROL Board. IC1014-2nd pin: 1.5 V or less IC1016-5th pin: Approx. 1.5 V C. Check comparator output signal.
F51 (Starting Sensor adjustment error)	41	00	00	00	1. Paper dust exists on or around the Starting Sensor.	Blow off the dirt with the accessory blower. (See 7.2.) Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition.
					2. Starting Sensor does not work correctly.	 Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector). Check the following connection and soldering condition on each connector. A. CN5028 (STARTING SENSOR Board) to CN5026 (RELAY (UPPER) Board) B. CN5022 (RELAY (UPPER) Board) to CN1014 (CONTROL Board) Check the following signals. A. STARTING signal (CN5028-2nd pin, CN5026-2nd pin, CN5022-3rd pin) → 0 V (when none exists on the Starting Sensor) B. Check the reference signals for the PHEAD signal on the CONTROL Board.

						5. Replace faulty parts or boards.	
F52 (Skew (R) Sensor adjustment error)	42					Blow off the dirt on surface of the sensor with the accessory blower. (See 7.2.) Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition.	
					2. The Skew (R) Sensor does not work, properly.	 Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector). Check the following connection and soldering condition on each connector. A. CN5030 (SKEW (R) Board) to CN5029 (WAITING SENSOR Board) B. CN5027 (WAITING SENSOR Board) to CN5025 (RELAY (UPPER) Board) C. CN5022 (RELAY (UPPER) Board) to CN1014 (CONTROL Board) 4. Check the following signals. A. SKEW_R signal (CN5030-2nd pin, CN5029-2nd pin, CN5027-2nd pin, CN5025-2nd pin, CN5022-4th pin, CN1014-4th pin) → 0 V (when none exists on the Skew (R) Sensor) B. Check the reference signals for the SKEW_R signal on the CONTROL Board.	
F53 (Skew (L) Sensor adjustment error)	43	00	00	00	Paper dust exists on or around a Skew (L) Sensor.	Blow off the dirt on the surface of the sensor with the accessory blower. (See 7.2.) Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition.	
					2. The Skew (L) Sensor does not work correctly.	 Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector). Check the following connection and soldering condition on each connector. A. CN5027 (WAITING SENSOR Board) to CN5025 (RELAY (UPPER) Board) B. CN5022 (RELAY (UPPER) Board) to CN1014 (CONTROL Board) Check the following signals. A. SKEW L signal (CN5027-4th pin, CN5025-4th pin, CN5022-6th pin, CN1014-6th pin) → 0 V (when none exists on the Skew (L) Sensor) B. Check the reference signals for the SKEW_L signal on the CONTROL Board. → IC1015-9th pin: 1.5 V or less (After initializing) → IC1017-9th pin: Approx. 1.5 V C. Check comparator output signal. → IC1017-14th pin: 3.3 V (When no paper exists) Replace faulty parts or boards. 	
F54 (Paper Jam Sensor adjustment error)	44	00	00	00	1. Paper dust exists on or around the Paper Jam Sensor.	 Blow off the dirt with the accessory blower. (See 7.2.) Execute Key / Sensor and Sensor Sensitive Level tests in Sec.9.3.6 to check the sensor condition. 	

					2. The Paper Jam Sensor does not work, properly.	 Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector). Check the following connection and soldering condition on each connector. A. CN5019 (PAPER JAM SENSOR Board) to CN5017 (POINTER Board) B. CN5013 (POINTER Board) to CN5008 (POWER RELAY Board) C. CN5032 (POWER RELAY Board) to CN1012 (CONTROL Board) Check the following signals. A. JAM signal (CN5019-1st pin, CN5017-1st pin, CN5013-2nd pin, CN5008-2nd pin, CN5032-30th pin, CN1012-30th pin) → 0 V (when none exists on the Paper Jam Sensor) B. Check the reference signals for the PJAM signal on the CONTROL Board.
F55 (Ending (Front) Sensor adjustment error)	45	00	00	00	Paper dust exists on or around the Ending (Front) Sensor. Ending (Front) Sensor does not work correctly.	1. Blow off the dirt with the accessory blower. (See 7.2.) 2. Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. 1. Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. 2. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector). 3. Check the following connection and soldering condition on each connector. A. CN5024 (ENDING (FRONT) SENSOR Board) to CN5023 (RELAY (UPPER) Board) B. CN5022 (RELAY (UPPER) Board) to CN1014 (CONTROL Board) 4. Check the following signals. A. F_ENDING signal (CN5024-3rd pin, CN5023-3rd pin, CN5022-2nd pin, CN1014-2nd pin) → 0 V (when none exists on the Ending (Front) Sensor) B. Check the reference signals for the PEXIT signal on the CONTROL Board. → IC1015-6th pin: 1.5 V or less (After initializing) → IC1017-7th pin: Approx. 1.5 V C. Check comparator output signal. → IC1017-1st pin: 3.3 V (When no paper exists) 5. Replace faulty parts or boards.
F56 (Ending (Rear) Sensor adjustment error)	46	00	00	00	Paper dust exists on or around the Ending (Rear) Sensor.	Blow off the dirt with the accessory blower. (See 7.2.) Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition.

					2. Ending (Rear) Sensor does not work, properly.	 Execute Key / Sensor and Sensor Sensitive Level tests in Sec. 9.3.6 to check the sensor condition. Check whether the sensor alignment is proper (whether the sensor direction faces to its reflector). Check the following connection and soldering condition on each connector. A. CN5020 (ENDING (REAR) SENSOR Board) to CN5018 (POINTER Board) B. CN5013 (POINTER Board) to CN5008 (POWER RELAY Board) C. CN5032 (POWER RELAY Board) to CN1012 (CONTROL Board) Check the following signals. A. R_ENDING signal (CN5020-1st pin, CN5018-1st pin, CN5013-3rd pin, CN5032-31st pin, CN1012-31st pin) → 0 V (when none exists on the Ending (Rear) Sensor) B. Check the reference signals for the REXIT signal on the CONTROL Board.
F60 (Front side gain adjustment error)	50	00	00	00	1. Image Sensor Cover (F) is dirty.	Clean the cover surface. (See 7.2.)
					2. CIS (F) lamp does not light.	 Execute CIS Level test in Sec.9.3.6 to check the peak level. Check the following connection and soldering condition on each connector. A. CIS (F) to Lamp Drive (F) Board B. Lamp Drive (F) Board to CN5034 (POWER RELAY Board) C. CN5032 (POWER RELAY Board) to CN1012 (CONTROL Board) D. CN5001 (POWER RELAY Board) to CN4005 (DRIVE Board) E. CN4003 (DRIVE Board) to CN802 (POWER Board) Check the lamp control signals to the CIS (F) → CN5034-1st pin: 24 V → CN5034-2nd pin: 5 V (When lamp is ON) Replace faulty parts or boards.
					3. Pixel data from CIS (F) or image processing circuit have some problems.	1. Check the following connection and soldering condition on each connector. A. CIS (F) to CN3002 (CIS (F) RELAY Board): Only for KV-S3065CW Series B. CIS (F) to CN3003 (CIS (F) RELAY Board): Only for KV-S3065CL Series C. CN3001 (CIS (F) RELAY Board) to CN1003 (CONTROL Board) D. CN3000 (CIS (F) RELAY Board) to CN1002 (CONTROL Board) E. CN1000 (CONTROL Board) to CN2000 (INTERFACE Board)
						 Check the following CIS timing signals on the CIS (F) RELAY Board are normal. → CN3002-34th, 35th pins: 5 MHz : Only for KV-S3065CW Series → CN3003-28th, 29th pins: 5 MHz : Only for KV-S3065CL Series Check the soldering condition of the IC1010, IC1011, IC1024, and their surrounding circuit on the CONTROL Board. Check the soldering condition of the IC1006, IC1007, and their surrounding circuit on the CONTROL Board. Check the soldering condition of the IC2045 and its surrounding circuit on the INTERFACE Board. Replace faulty parts or boards.

F61 (Front side black level error)	51	00	00	00	Pixel data from CIS (F) or image processing circuit have some problems.	 Check the following connection and soldering condition on each connector. A. CIS (F) to CN3002 (CIS (F) RELAY Board): Only for KV-S3065CW Series B. CIS (F) to CN3003 (CIS (F) RELAY Board): Only for KV-S3065CL Series C. CN3001 (CIS (F) RELAY Board) to CN1003 (CONTROL Board) D. CN3000 (CIS (F) RELAY Board) to CN1002 (CONTROL Board) E. CN1000 (CONTROL Board) to CN2000 (INTERFACE Board) Check the following CIS timing signals on the CIS (F) RELAY Board are normal. → CN3002-34th, 35th pins: 5 MHz : Only for KV-S3065CW Series → CN3003-28th, 29th pins: 5 MHz : Only for KV-S3065CL Series Check the soldering condition of the IC1010, IC1011, IC1024, and their surrounding circuit on the CONTROL Board. Check the soldering condition of the IC1006, IC1007, and their surrounding circuit on the CONTROL Board. Check the soldering condition of the IC2045 and its surrounding circuit on the INTERFACE Board. Check the soldering condition of the IC2045 and its surrounding circuit on the INTERFACE Board.
F62	52	00	00	00	1. Image Sensor Cover (B) is dirty.	Clean the cover surface. (See 7.2.)
(Back side gain adjustment error)					2. CIS (B) lamp does not light.	 Execute CIS Level test in Sec.9.3.6 to check the peak level. Check the following connection and soldering condition on each connector. A. CIS (B) to Lamp Drive (B) Board B. Lamp Drive (B) Board to CN5004 (POWER RELAY Board) C. CN5002 (POWER RELAY Board) to CN4008 (DRIVE Board) D. CN4001 (DRIVE Board) to CN5033 (POWER RELAY Board) E. CN5032 (POWER RELAY Board) to CN1012 (CONTROL Board) F. CN5001 (POWER RELAY Board) to CN4005 (DRIVE Board) G. CN4003 (DRIVE Board) to CN802 (POWER Board) Check the lamp control signals to the CIS (B) CN5004-1st pin: 24 V CN5004-2nd pin: 5 V (When lamp is ON) Replace faulty parts or boards.
					3. Pixel data from CIS (B) or image processing circuit have some problems.	 Check the following connection and soldering condition on each connector. A. CIS (B) to CN3006 (CIS (B) RELAY Board): Only for KV-S3065CW Series B. CIS (B) to CN3007 (CIS (B) RELAY Board): Only for KV-S3065CL Series C. CN3004 (CIS (B) RELAY Board) to CN1004 (CONTROL Board) D. CN3005 (CIS (B) RELAY Board) to CN1005 (CONTROL Board) E. CN1000 (CONTROL Board) to CN2000 (INTERFACE Board) Check the following CIS timing signals on the CIS (B) RELAY Board are normal. → CN3006-34th, 35th pins: 5 MHz : Only for KV-S3065CW Series → CN3007-28th, 29th pins: 5 MHz : Only for KV-S3065CL Series Check the soldering condition of the IC1012, IC1013, IC1024, and their surrounding circuit on the CONTROL Board. Check the soldering condition of the IC1008, IC1009, and their surrounding circuit on the CONTROL Board. Check the soldering condition of the IC2046 and its surrounding circuit on the INTERFACE Board. Replace faulty parts or boards.

F63 (Back side black level error)	53	00	00	00	Pixel data from CIS (B) or image processing circuit have some problems.	 Check the following connection and soldering condition on each connector. A. CIS (B) to CN3006 (CIS (B) RELAY Board): Only for KV-S3065CW Series B. CIS (B) to CN3007 (CIS (B) RELAY Board): Only for KV-S3065CL Series C. CN3004 (CIS (B) RELAY Board) to CN1004 (CONTROL Board) D. CN3005 (CIS (B) RELAY Board) to CN1005 (CONTROL Board) E. CN1000 (CONTROL Board) to CN2000 (INTERFACE Board) Check the following CIS timing signals on the CIS (B) RELAY Board are normal. → CN3006-34th, 35th pins: 5 MHz : Only for KV-S3065CW Series → CN3007-28th, 29th pins: 5 MHz : Only for KV-S3065CL Series Check the soldering condition of the IC1012, IC1013, IC1024, and their surrounding circuit on the CONTROL Board. Check the soldering condition of the IC1008, IC1009, and their surrounding circuit on the CONTROL Board. Check the soldering condition of the IC2046 and its surrounding circuit on the INTERFACE Board. Replace faulty parts or boards. 	
F80 (Double Feed Detector adjustment error)	60	00	00	00	1. Double Feed Detector (G) does not work, properly.	 Execute Double Feed test in Sec. 9.3.6 to check the detector condition. Check whether the Double Feed Detector (G) is aligned properly. Check the following connection and soldering condition on each connector. A. Double Feed Detector (G) to CN5031 (RELAY (UPPER) Board) B. CN5022 (RELAY (UPPER) Board) to CN1014 (CONTROL Board) Check the following parts soldering condition to repair it. A. CONTROL Board IC1024 (43, 44, 45th pins), IC1018 B. RELAY (UPPER) Board IC5013, Q5018, Q5020, Q5021, Q5022, Q5024, Q5025, Q5027, Q5028, Q5029, and the surround circuit Check the following signals. A. DC 24V signal (CN5022-9th pin) B. JS_CLK (CN5022-11th pin) → 200 kHz C. USOUND (CN5031-1st pin) → 200 kHz Replace faulty parts or boards. 	
					2. Double Feed Detector (R) does not work, properly.	 Execute Double Feed test in Sec. 9.3.6 to check the detector condition. Check whether the Double Feed Detector (R) is aligned properly. Check the following connection and soldering condition on each connector. A. Double Feed Detector (R) to CN5011 (RELAY (LOWER) Board) B. CN5007 (RELAY (LOWER) Board) to CN1013 (CONTROL Board) Check the following parts soldering condition to repair it. A. CONTROL Board IC1024 (117th pin) B. RELAY (LOWER) Board IC5000, IC5001, Q5005, Q5006, and the surround circuit Check the following signals on the RELAY (LOWER) Board. A. IC5001-7th pin: DC 12 V B. IC5000-7th pin: See Fig.10.2.5. Replace faulty parts or boards. 	



Fig.10.2.2

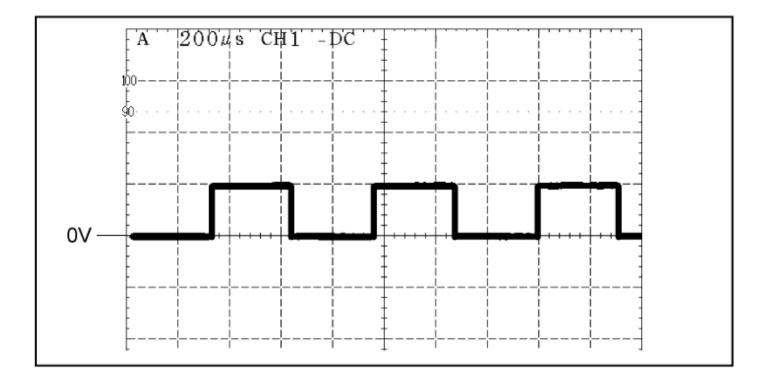


Fig.10.2.3

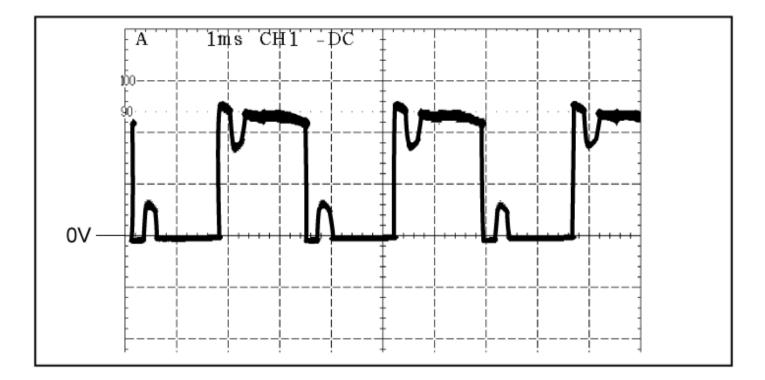


Fig.10.2.4

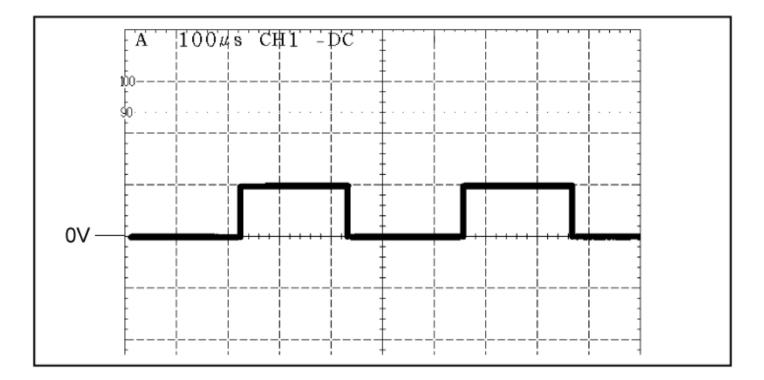
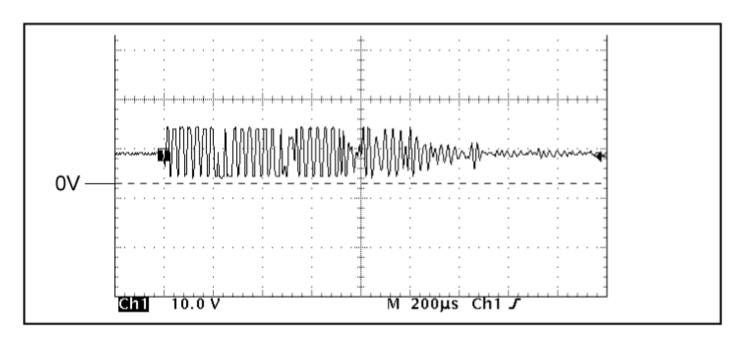


Fig.10.2.5





11 CIRCUIT DESCRIPTION

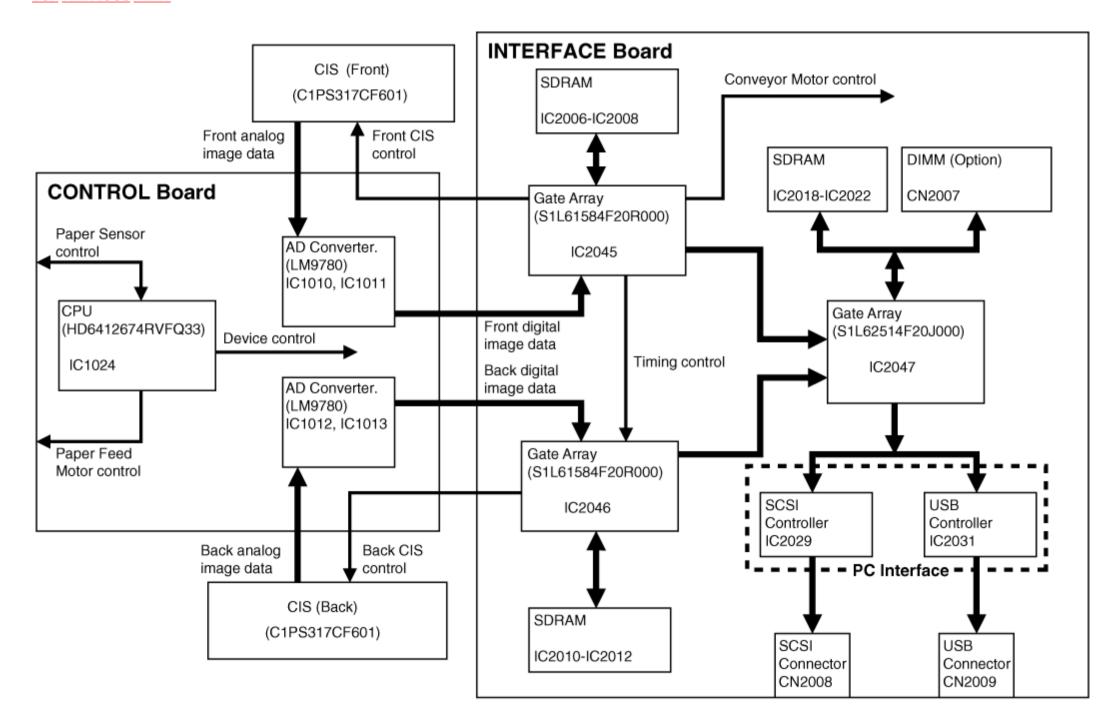
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11.1 Block Diagram-1 (Image Processing)

11.2 Block Diagram-2 (Board)

11.3 Explanation of Connector

11.1 Block Diagram-1 (Image Processing)



On this system, CPU (IC1024) controls the operation for Interface Controllers (SCSI, USB), Gate Arrays (IC2045, IC2046, IC2047), Sensors (Paper Sensor and others), Motors (Paper Feed, Conveyor, Carriage)

Motor pulse signals for the paper feed scanning on the ADF mode are provided from the CPU (IC1024), directly.

On the other hand, motor pulse signals for conveying paper on the ADF mode are provided from the Gate Array (IC2045).

This scanner has 2 CISs (CIS (Front), CIS (Back)) to scan image signals for front and back sides respectively.

Both of them are used for duplex scanning on the ADF mode. (When scanning on the Flatbed, only a CIS (Front) is available)

The Gate Array (IC2045) works as the controller of CIS (Front) and AD converters (IC1010, IC1011) to preprocess the front image data.

And the Gate Array (IC2046) works as the controller of CIS (Back) and AD converters (IC1012, IC1013) to preprocess the back image data.

After finishing this, the Gate Array (IC2047) postprocesses data from the Gate Arrays (IC2045 and IC2046) respectively to be binary or compressed data, and to be sent to PC via PC Interface (USB or SCSI).

Image processing is as follows.

(Image Processing)

- 1. At first, according to the Front CIS control signal from the Gate Array (IC2045), analog pixel data are transmitted from the CIS (Front) to the AD Converter (IC1010, IC1011).

 And also according to Back CIS control signal from the Gate Array (IC2046), analog pixel data are transmitted from the CIS (Back) to the AD Converter (IC1012, IC1013).
- 2. The AD Converters (IC1010, IC1011) and (IC1012, IC1013) convert the analog pixel data to the digital, respectively.
- 3. The digital data on the front side are transmitted to the Gate Array (IC2045).

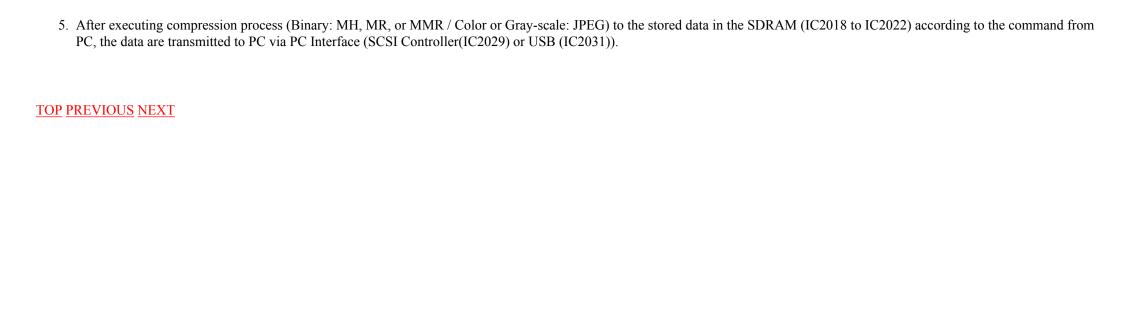
The Gate Array (IC2045) enforces shading correction, line correction, and Dpi transformation upon the data, using SDRAM (IC2006, IC2007, IC2008).

And the corrected data are transmitted to the Gate Array (IC2047).

In parallel, to the back side data from AD Converters (IC1012, IC1013), the Gate Array (IC2046) enforces shading correction, line correction, and Dpi transformation upon the data, using SDRAM (IC2010, IC2011, IC2012).

And the corrected data are transmitted to the Gate Array (IC2047).

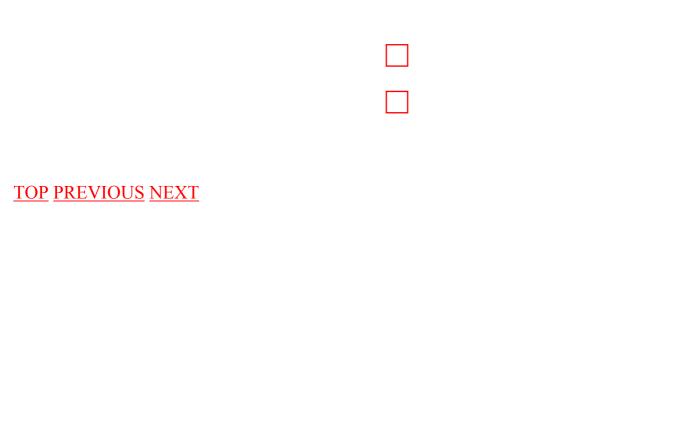
4. To the above front and back sides data, the Gate Array (IC2047) performs binary processing (simple binary, auto binary, dither, error diffusion), color, or gray scale image processing (MTF, Moiré Reduction and others), andmemorizes the processed data into SDRAM (IC2018, IC2019, IC2020, IC2021, and IC2022) and/or DIMM (mounted to CN2007 additionally, as required).



11.2 Block Diagram-2 (Board)

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11.3 Explanation of Connector



12 SCHEMATIC DIAGRAM

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IMPORTANT SAFETY NOTICE

Components identified by <u>\(\hat{1}\)</u> mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

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12.2 INTERFACE Board

12.3 DRIVE Board

12.4 PANEL, RELAY, and SENSOR Boards

12.5 CIS (F) RELAY and CIS (B) RELAY Boards

12.6 POWER Board

12.1 CONTROL Board

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12.5 CIS (F) RELAY and CIS (B) RELAY Boards

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Note: Distinction of PbF PCB

PCBs (manufactured) using lead free solder will have a PbF stamp on the PCB.

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13.2 INTERFACE Board

13.3 DRIVE Board

13.4 CIS (F) RELAY Board

13.5 CIS (B) RELAY Board

13.6 PANEL Board

13.7 POWER RELAY Board

13.8 POST IMPRINTER DOOR Board

13.9 POINTER Board

13.10 PAPER JAM SENSOR Board

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13.1 CONTROL Board
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13.1 CONTROL Board

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<u>13.1.1 Front Side</u>

13.1.2 Back Side

13.1.1 Front Side

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13.1.2 Back Side

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13.2 INTERFACE Board

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<u>13.2.1 Front Side</u>

13.2.2 Back Side

13.2.1 Front Side

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13.2.2 Back Side

TOP PREVIOUS NEXT

13.3 DRIVE Board

TOP PREVIOUS NEXT

13.4 CIS (F) RELAY Board

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<u>13.4.1 Front Side</u>

13.4.2 Back Side

13.4.1 Front Side

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13.4.2 Back Side

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13.5 CIS (B) RELAY Board

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<u>13.5.1 Front Side</u>

13.5.2 Back Side

13.5.1 Front Side

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13.6 PANEL Board

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13.19 ENDING (FRONT) SENSOR Board

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13.20 POWER Board

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14 PARTS LOCATION AND MECHANICAL PARTS LIST

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IMPORTANT SAFETY NOTICE

Components identified by !\text{\text{!}} mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Note: RTL (Retention Time Limited)

The mark (RTL) indicates that the Retention Time is limited for this item. After the discontinuations of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Note: TSCA (Toxic Substance Control Act)

The marking (TSCA) in the Remark column indicates that the part shown in the column consist of the substances which are included in TSCA inventory.

Note: PbF (Pb Free)

PbF in the Remark column means Pb Free solder is used to assemble parts on the PCB assembly.

14.1 Exterior

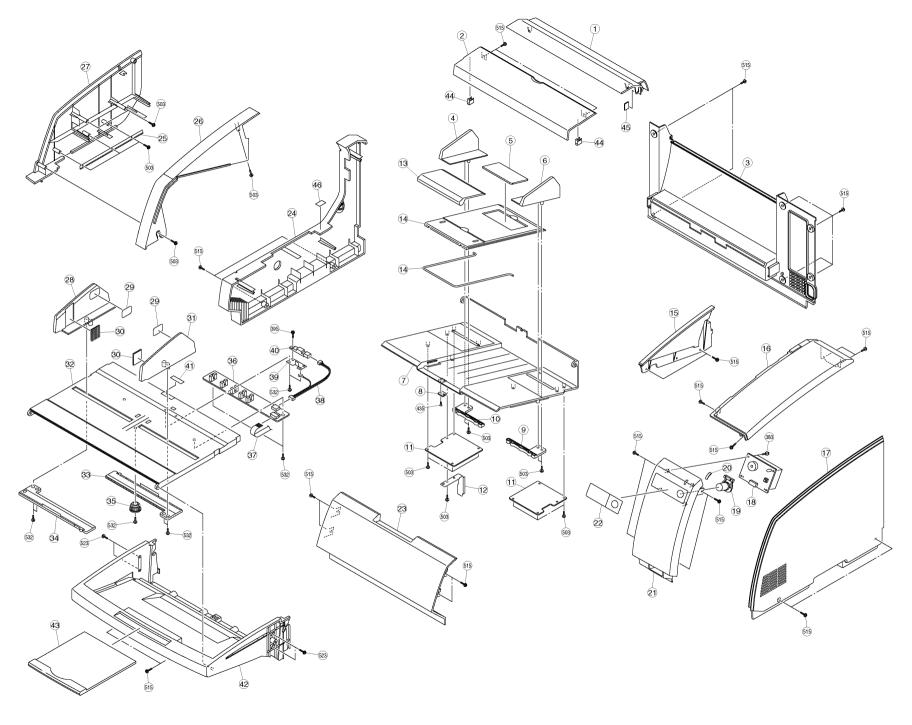
14.2 Board Box Unit and others

14.3 Chassis and Base 1

14.4 Chassis and Base 2

14.5 Chassis and Base 3

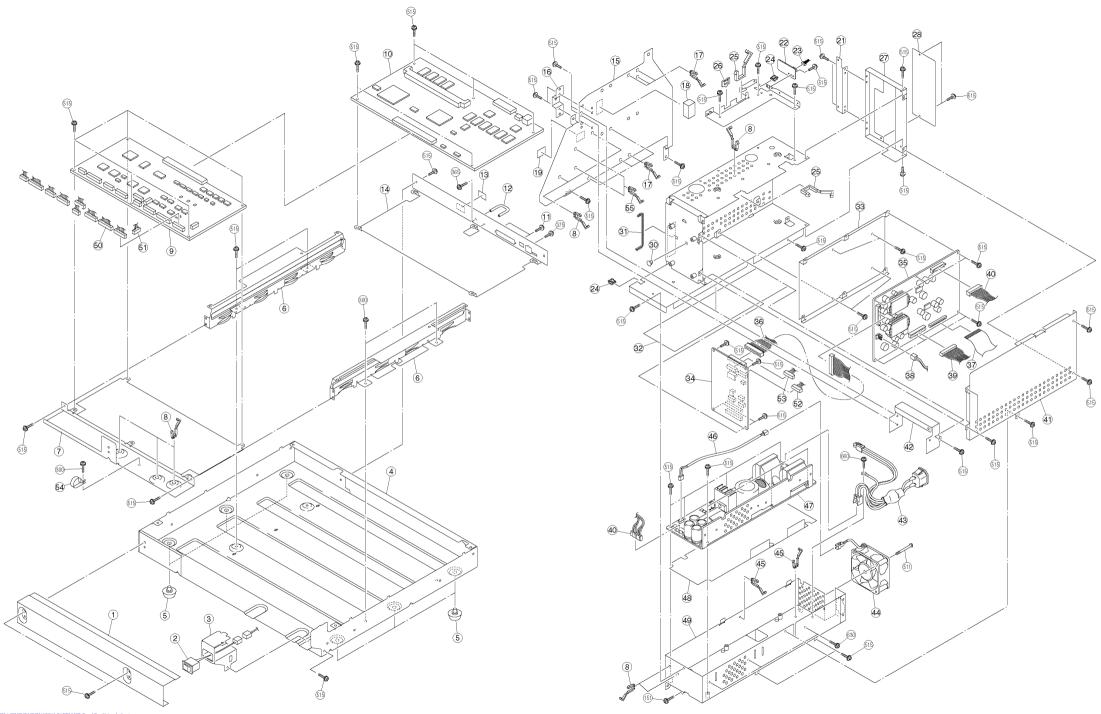
14.6 Packing



Ref No.	Part No.	Part Name & Description	Remarks
1	PSKEC0005Z	Post Imprimer door	180: Ps 🕰
2	PS6CMA0042Z	Exit Cover	150: PS A
2	PERCMADOR CC-J	Rear Panel	80 BA
4	PSBAB0007Z	Exit Guide L	250: ARS
1	PEREMINE	Exit Sub Stopper	ISO: ARS
-6	PSRAB0006Z	Exit Guide R	250: ARS

2	PSBAB0005Z	Stacker	80: PA
8	C40-3	Magnet	
2	PSHRB0007Z	Exit Guide Slide R	ISO: POM
10	PSHRBOOKZ	Exit Guido Stide L	ISO: POM
ш	PSHXBOOREZ	Shart Cover	ISO: PVC
12	PREIMAGORIX	Plate	
12	PREIRAGISKX	Exit Stopper	ISO: ARS
14	PRELAMORISZ	Exit Extension Tray	280: PS
15	PSEC0006Z	Siz Const	во иД
16	PIKECHHEZ	Side Panel (R)	во вА
12	PIKECOOKZ	Sido Const R	30: Ps 🕭
12	PPROTOTADEUSA	PANEL Board	(RTL) PhF
12	PERCONNEZ	Start Stop Button	250: PS
22	P\$6CMA0054Z	LED Cour	280: PS
21	PIKECOOSZ	Switch Panel	во иА
22	P9GEC0011Z	Panel Short	ISO: PC
23	PERCMANIEN	Food Unit Conor	во: в:А
24	PIKECHNIZ	Sido Cover (E.)	150: Ps A
25	PRULAMOTY	Plate	
- 24	PRICMADES 22	Feed Unit Cover (L2)	150: Ps A
22	PRICMADIENZ	Food Unit Cover (L1)	BO PSA
28	PREEMINY	Paner Guide (L)	ISO: ARS
22	PBOAM255Z	Label for KV-S2065CW Series	
29	PRQAM040Z	Label for KV-S306SCL Series	
22	PRHEADINZ	Velura Strap	
31	PERICAMISMY	Paper Guido (R)	ISO: ARS
32	PSHRBOOGZ-J3	Hopper Plate for KV-S3665CW Series	ISO: ABS A
32	PSHRB0006Z-J	Hopper Plate for KV-S7665CL Series	ISO: ABS A
22	PREGAMMISZ	Document Guide Rack (R)	ISO: POM
24	PREGAMMAZ	Document Guide Rack (L)	ISO: POM
25	PIDG501332-1	Pain	ISO: POM
36	PPROGRADERS	SUE DETECTOR Road	(RTL) PhF
22	PSSEC3437Z	Size Sensor FFC Cable	
22	PSIRC2462Z	Paper Sensor Cable	
22	PERMITANSTRY	Plate	
22	R3NZ20000006	Plans Coupler (Paper Sensor)	
41	PEREARIGE	Shart	
42	PERCMARRIAZ	Hopper Blass	ISO: ARS 🕭
43	PRECMADORIZ	Hopper Extension Tray	ISO: ARS
44	PSUSBOUZZ	Exit Cover Plate	
45	PSHECONNZ	Black Short	ISO: PC
45	PROTCHESZ	W/B Direction Sign	
393	XTR3+10GFJ	Scow	
365	XTR0-6FF1	Scaw	
435	XTS3+10GFI	Scow	
563	XTW3+U10PF1	Scow	
515	XTW3+U6LFI	Scow	
532		Scaw	

TOP PREVIOUS NEXT

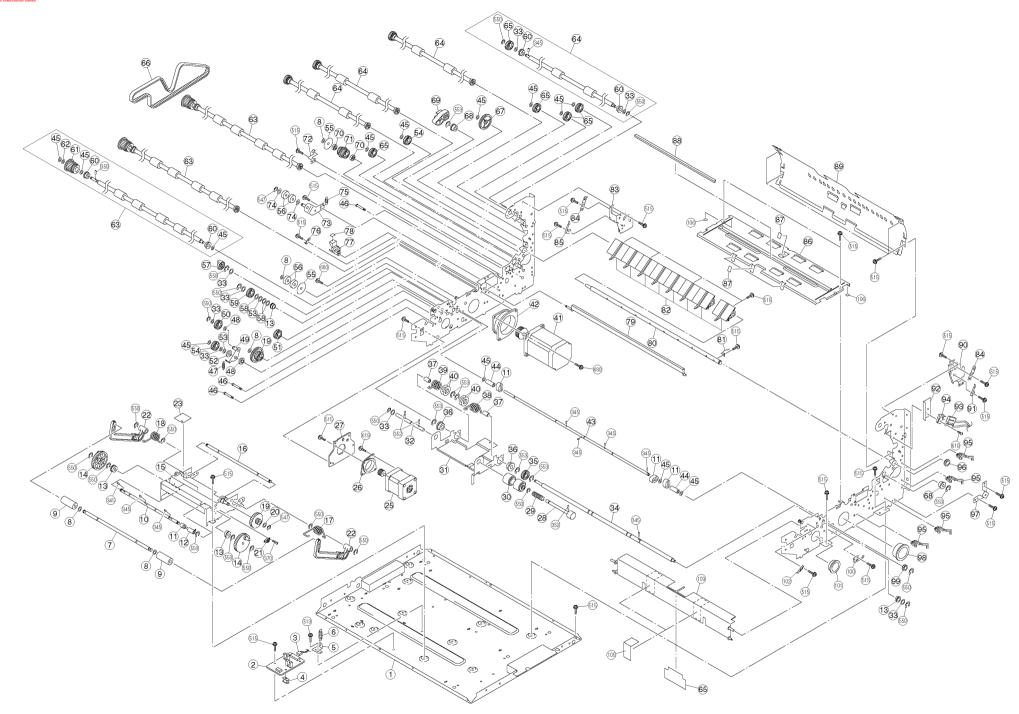


EPLACEMENT MECHANICAL PARTS LIST (Board Box Unit and oth

Ref. No.	Part No.	Part Name & Description	Remarks
1	PIKAC0001Z	Front Cover	
2	PHRC2475Y	Power Switch Cable	Δ
2	PIMDC0027Z	AC Switch Plate	
4	PJUAC0043Z	Board Base Frame	
5	NF35A7	Rubber Foot	

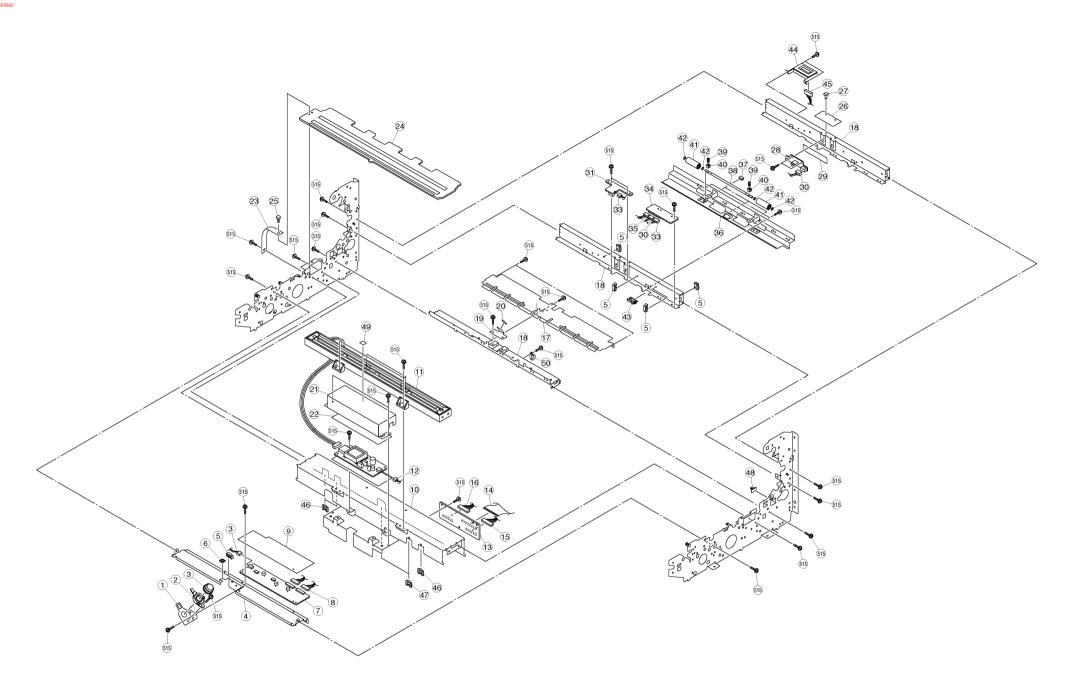


4	PIMEC0038Z	Board Rail	
2	PIMEC0057Z	MAIN Board Plate	
ž	LWS-38-2WV0	Locking Wire Saddle	
2	PPB747CHS01	CONTROL Board	(RTL) PhF
10	PPB747CHS02	INTERFACE Board	(RTL) PhF
ш	2-56UNCX1/4	Screw	
12	A-46-5	Handle	
13	PBQAA0799Z	SCSILabel	
14	PIMDB0269Z	10' Board Plate	
15	PBHMA0134Y	Plate	
16	PBMDA6537Y	Plate	
12	LWS-IS	Locking Wire Saddle	
	PBHEA0169Z	Transportation Rubber	
19	PBOAA0751Z	Label	
_			
20	PIMEC0019Z	Board Box Stay	
21	PBHMA0143Y	Plate	
22	PPB747ADF05C	POST IMPRINTER DOOR Board	(RTL) PhF
23	PIJRC2465Z	Post-Imprinter Door Cable	
25	EDS-0607M	Edge Saddle	
25	EDS-17L	Lock Edge Saddle	
26	EDS-1	Edge Suddle	
22	PBMCA0091Y	Mechacon Box (Rear)	
28	PIHEC0053Z	Board Box Cover	150: РСД
29	PBMCX0089X	PCB Box Assy	SUL PLAN
30	KGPS-6RF	Spacer Spacer	-
_	KG006-186	Book	
31 32	PHENCHORES	Power Sheet 2	ISO PPE
			ISO: PPE
33	PIMEC0039Z	DRIVE Board Plate	
Н	PPB747ADF05B	POWER RELAY Board	(RTL) PbF
35	PPB747CHS04	DRIVE Board	(RTL) PhF
36	PIJRC2468Z	PWR_RLY Motor Cable	
37	PIJEC3436Z	PWR_RLY-DRV FFC	
38	PIJRC2467Z	PWR_RLY 24 V Cable	
39	PURC2450Y	CONT-DRV Cable	
40	PHRC2470Z	PWR-DRV Cable	
41	PBMCA9987Y	Mechacon Box Cover	
42	PRHMAGITSY	Mate	
40	PHIRCHARTY	AC Inlet Cable	Δ
_	LAFAKTOKONOS		
丝		Fan	Δ
45	LWSISVOBK	Locking Wire Saddle	
25	PIJEB0659Z	Cable	
47	PPB747CHS06	POWER Board	(RTL) PhF
48	PHXB0018Z	Power Sheet 1	ISO: PPE
40	PIMCC0014Z	Power Box Assy	
50	PIJRC2469Z	PWR RLY-CONT Cable	
51	PIJRC2460Z	Panel Cable	
22	PHRC2451Z	Conveyor Motor Cable	
53	PHRC2455Z	Feed Motor Cable	
_			
25	AL12	Clamper	
55	LWS-38	Clamper	
300	RTP3+8(3)BC	Screw	
365	XSB26+4FI	Screw	
375	XSN3+6FJ	Screw	
511	XTW3+U30LFJ	Screw	
515	XTW3+U6LFJ	Screw	
630	XYN3+28F1	Screw	
660	XYN4+F6F1	Screw	



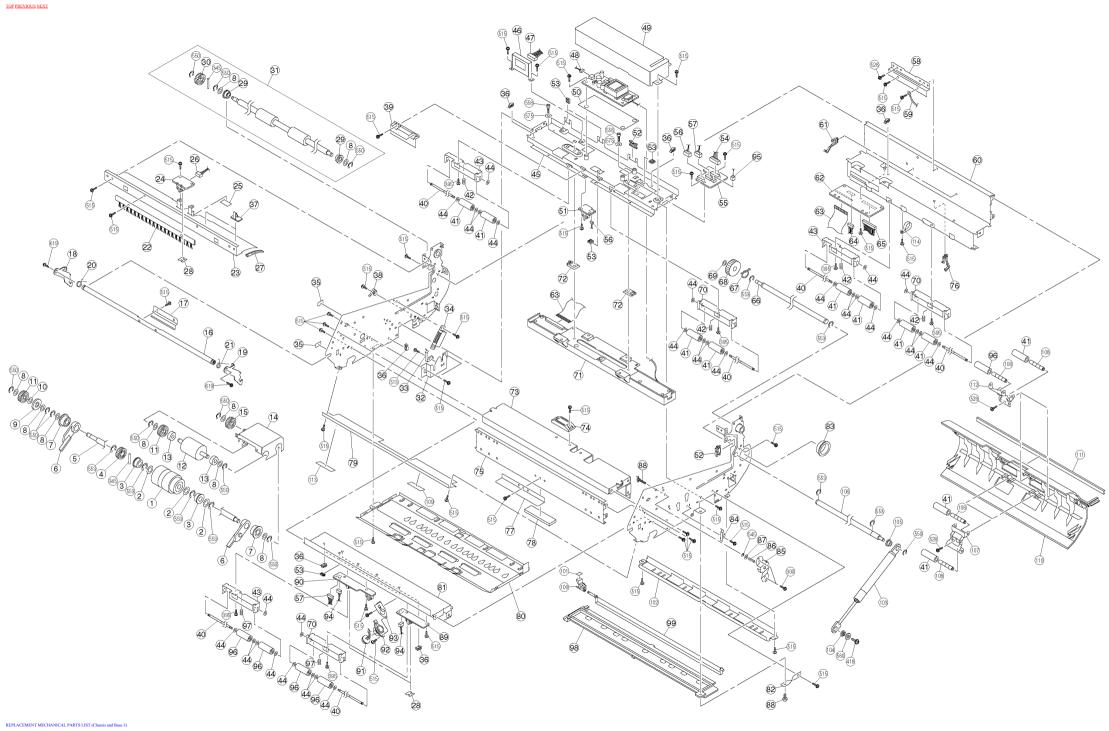
o. Part No. Part Name & Description Remarks
PBUEX0096X Bottom Plate-ASSY

2	PIBVC0082Z PIDFB0003Y	Counter Spring Hopper Pressure Shaft	
8	PINW4111Z	Spacer	ISO: P
2	PHDRA0029Z PHDFA0005Z	Free Roller Hopper Cam Shaft	ISO: PO
10 11	PBDGA0056Z	Honner Proceeded Com	ISO: PO
12	PBHRA0023Z	Hopper Cam Shutter	ISO: Al
<u>11</u> 14	B-F6-171 PHDGA0065Z	Bearing Hopper Carn	ISO: PO
15	PBMDX0466Y	Hopper Support Plate Assembly	ISO: PC
16	PBDFA0004Z	Hopper Shaft	
12 18	PRDSA0096Y	Hopper Spring 1 Hopper Spring 2	
19	PBDGA9033Y	Hopper Spring 2 Slow Shift Gear	ISO: PO
20	RWP85-025		
<u>21</u> 22	NF-2G50C PBKMA9046Z	Oil Damper Hopper Arm	ISO: PO
23	PREECO073Z	Horner Horne Board Sheet 1	ISO: PO
24	PRHICOGTAZ LARRENGCOOK	Hopper Home Board Sheet 2	ISO: PO
25 26	RF1401-A5	Steping Motor Motor Mount	
27	PBMDA0459Y	Motor Fitting Plate	
28	PHDEA0117Z PHDSA0102Y	Retard Roller Fitting Pin Retard Roller Fitting Spring	
20	PIDRC0054Y	Retard Roller	
31	PHMDX0463X PIDFB0159Z	Retard Unit Plate Assy	
12 13	PIDFB0159Z RWP86-025	Retard Shaft 2 Spacer	
24	PBDFA0110Y	Retard Unit Fitting Shaft	
<u>15</u>	PBDGA0055Z DDLF-1280ZZH	Separation Drive Gear	
<u>35</u>	B-88-5	Ball Bearing 2 Spacer	
38	PBDSA0092Z	Retard Pressure Spring	
<u>19</u> 40	PHDSA0125Z RWPS10-100	Retard Roller Fitting Spring Polyslider	
40 41	L6HBKJGD0003	Polyslider Steping Motor	-
42	PBHE28Z	Duraner	
<u>42</u> 44	PRDFA0100Y MWSP6-22-J	Retard Regulation Shaft Spacer	
45	PINW525Z	Spacer	ISO: P/
46	PBHDA0001Y		
42 48	PHDSA0093Z PHDRA0031Z	Spring Pitch Roller 2	ISO: PO
49	PBMDX0465Y	Joint Plate Assy	
59 51	PHDG50326Z PHDGA0008Y	Gear Scanner Drive Gear	ISO: PO
<u>51</u>	PHDGA0008Y PHDRA0030Z	Scanner Drive Gear Pitch Roller I	ISO: PO
53	RWPS6-050	Polyslider	
<u>8</u>	PHDGA0038Z RWPS5-100	Retard Gear Spacer	ISO: PO
26	DR-20-H5	Tension Roller	
<u>57</u>	PBHRA0183Z	Adjusting Knob	ISO: Al
55 59	RWPS6-100 PBDGA0013Z	Spacer Paper Food Gear	H
60	DDLF-1260ZZR	N-min-	
<u>61</u>	PBDGA0058Z	Drive Pulley Gear	
<u>62</u>	PINW610Z PIDRC0034Z-J	Drive Roller	ISO: P/
4	PJDRB0004Z-J	Conveyor Roller	
65	PBHEA0116Z B8082M530	Sheet Belt	
62	B8082M530 PBDGA0032Z	Intermediate Gear	ISO: PO
Œ	PBFV4Z	Intermediate Gear Bushing	ISO: PO
<u>62</u> 70	PBHRA0180Z DDL-850ZZH	Pointer Change Knob Ball Bearing	ISO: Al
20	PBDGA0059Z	Polloy Gent	ISO: PO
22	PBUSA0034Z	Pointer Change Spring	
22 28	PHMDX0468Y RWPS5-10025	Tension Plate Assy Polyslider	
25 25	PBDSA9994Z	Tension Spring	
26	PIBUC0013Z	Sensor Spring	
22 28	PIBCC0025Z PIQTC0093Z	Lever W/B Arrow Sign	
22	PIMEC0051Z-J	W/B Arrow Sign Reference Plate (B) Assy Pointer Shaft	
80	PBDFA0094Z	Pointer Shaft	
<u>81</u> 82	PBHMA0133Y PBHRA0117Z	Pointer Change Plate Pointer Change Plate	
<u>81</u>	PIMEC0017Z	Imprinter Plate I.	
	PBUSA0047Z PJUSB0099Z	Imprinter Door Lock Spring	
<u>84</u>		Imprinter Lock Spring Conveyor Lower 2 Assy	
	PIUEC0035Z		
84 85 86 87	PRIECOGTY	Reflector Sheet	ISO: PO
85 86 87 88	PRHECOGOTY PBHRX0150Z	Reflector Sheet Ink Absolution Felt Assy	ISO: PO
<u>88</u>	PHHEX0150Z PHHEX0150Z PHHEC0032Z PIMEC0018Z	Reflector Short Ink Absolution Felt Assy Turn Conveyor Outer Imprinter Plate R	ISO: PO
85 85 87 88 88 89 90	PRECOSTY PRECOSTS PRECOSTS PRECOSTS PRECOSTS PRECOSTS PRESOS	Reflector Sheet Ink Absolution Felt Assy Turn Conveyor Outer Impeinter Plate R Immeinter Lock Spring	ISO: PO
52 52 52 52 52 52 52 50 51 52	PHECOSTY PHERXO150Z PRECOS2Z PIMECOS1SZ PIMECOSSZ PIMECOSSZ PIMECOSSZ PIMECOSSZ	Reflector Short Ink Absolution Felt Assy Turn Conveyor Outer Imprinter Plate R Imprinter Lock Spring Switch Guard	ISO: PO
85 85 87 88 88 89 90	PRECOSTY PRECOSTS PRECOSTS PRECOSTS PRECOSTS PRECOSTS PRESOS	Reflector Sheet Ink Absolution Felt Assy Turn Conveyor Outer Impeinter Plate R Immeinter Lock Spring	ISO: PO
52 52 52 52 52 52 52 52 52 52 52 52 52 5	PHILECOGTY PHHEXOLS IZ PHILECOGIZ PHILECOGIZ PHILECOGIZ PHILECOGIZ PHILECOGIZ PHILECOGIZ KOKAAPOGOOS LWS-1S	Reflector Sheet Ink Absolution Felt Assy Tum Conveyor Outer Imprinter Pales R Imprinter Lock Spring Switch Guard ADF Door Switch cable Micro Switch Locking Wire Saddle	ISO: PO
52 52 52 52 52 52 52 52 52 52 52 52 52 5	PHECOGOTY PHIRXO150Z PHIRXO150Z PHECOG1SZ PHECOG1SZ PHECOG6Z PHECOG6Z PHECOG6Z HIRC245Z KOKAAFOGOOS LWS-1S TB-9513	Reflector Sheet Ink Abroducion Felt Assy Tam Conveyor Oster Imprinter Palse R Imprinter Lock Spring Switch Guard ADF Door Switch cable Micro Switch Locking Wire Saddle	ISO: PO
52 52 52 52 52 52 52 52 52 52 52 52 52 5	PHECOSOTY PHERXOLOGY PHERXOLOGIZ PROCOSOTZ PROCOS	Reflector Short Int. Absolution Felt Assay Int. Conveyor Obster Imprinter Plate R Imprinter Plate R Imprinter Plate R Imprinter Switch Guard ADP Door Switch Guard Locking Wire Suddle Illiah Illiah Spring Fining Plate Illiah	
22 22 22 22 23 24 24 25 25 26 26 27 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28	PHECOSOTY PHHRX0150Z PHECO032Z PHECO032Z PHECO052Z PHECO56Z PHECO56Z PHECA45Z KOKA-10000008 LWS-15 PHHDA0455Y TB-2533 PHHGGSZ	Reflector Sheet Ida Absolution Felh Assy Idan Corrosport Onter Imprinter Plate R Imprinter Lock Spring Switch Guard April Door Switch Cable Micro Switch Lucking Wes Saddle Bush Gas Spring Frizing Plate Bush Gas Spring Frizing Plate Bush	ISO: PO
22 22 22 23 24 24 25 25 26 26 27 28 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	PRHECOGYY PHHEXO150Z PPLECOGIZ PPLECOGIZ PPMECOGISZ PPM	Reflector Sheet Lisk Absolution Felh Assy Lisk Christoper Chair Impriser Lock Spring Impriser Lock Spring ADF Does Switch Cable ADF Does Switch Cable Micro Switch Lucking Wire Saddle Bush Can Spring Frising Plate Rush Can Convoyar Spring	
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22 92 92 92 92 92 92 92 92 92 92 92 92 9	PRIECOSOTY PRIECOSTS PRIEC	Reference Name I Ask Almadation from Man Any Tana Conveyor Chaine Imperior Plant R Imperior Plant R Imperior Chaine Imperior Plant R Imperior Chaine Impe	
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22 22 22 22 22 22 22 22 22 22 22 22 22	PRINCEOUTY PRINCE	Enferre Word An Advantage And An Advantage And An An Andrometer And An Andrometer And Andrometer A	
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22 22 22 22 22 22 22 22 22 22 22 22 22	PRIBLEMOTY PRIBLEMOTS	Enferre Word An Advantage And An Advantage And An An Andrometer And An Andrometer And Andrometer A	



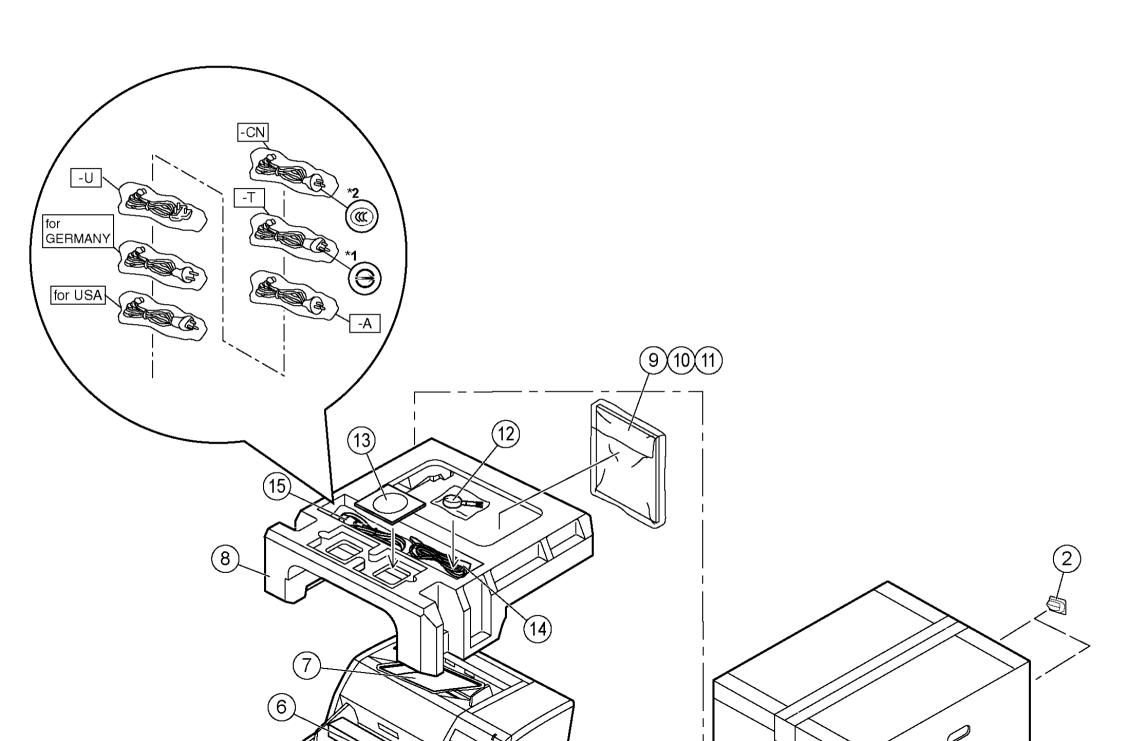
Ref No.	Part No.	Part Name & Description	Romako
1	PSMECIOLSZ	Double Feed Sussor Plate Lower	
2	PHRRB0673Z	Double Feed Spacer	ISO: ARS
2	L2FA00000005	SENSOR Usit (Double Feed Detector)	
4	PIULC0013Z	Reinforce Plate Lower 1	
1	YMC10-0	Clamp	
- 6	EDS-0607M	Edge Saddle	

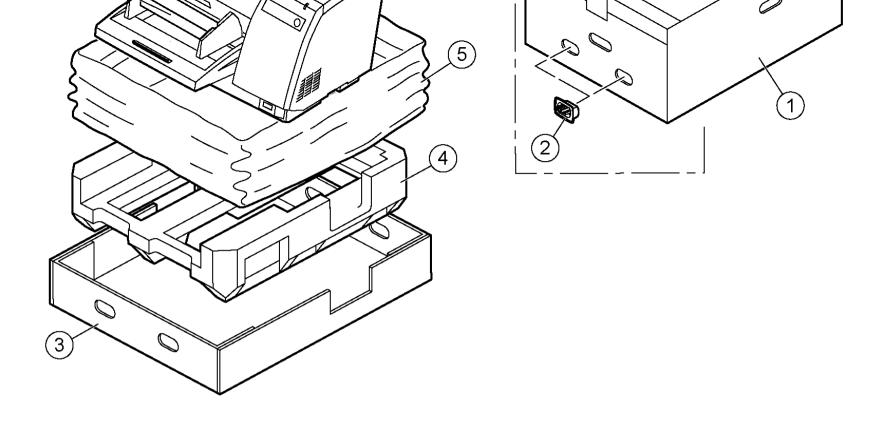
2	PSIRC2471Z	Relay (Lower) Cable	
2	PHECONSZ.	Relay Lower Board Sheet	ISO: PC
10	PIULC0014Z	Reinforce Plate Lower 2	
11	L2CC0009-J	SENSOR Use for KV-53065CW Series	
- 11	12000013-J	SENSOR Use for KV-57065CL Satiss	
12	PSIRC2458Z	Lamp Drive (R) Cable	
12	PPR747ADFISR	CIS (R) RELAY Board for KV-S1065CW Surios	(RTL) PNF
13	PPRHIZADEUR	CIS (B) RELAY Board for KV-S1065CL Satiss	(RTL) PNF
14	PHECHNIZ	A3_CIS FFC for KV-S3065CW Series	
14	PHEC3438Z	At CIS FFC for KV-S96/SCL Suries	
15	PSIRC2446V	CIS (R) Relay Cable 1	
16	PSIRC2447Y	CIS (R) Relay Cable 2	
12	PRIEXHOW	Exit Conveyor	
18	PSULCOO1SZ	Reinforce Plata Lower 3	
19	PSMEC0094Z	Refuser Plate	
20	PSHECO007Y	Reflector Sheet	ISO: PC
21	PSMEC009Z	Investor Coner Lower	
22	PSHINCOOUTZ	Investor Sheet Lower	150 PH A
22	PSHECW29Z	Screw Holder Sheet	ISO: PET A
24	PSUBCIOLIZA.I	Image Supper Cover (B) for KV-53065CW Surjey	
_			во всД
24	PHRC213Z-II	Image Somer Cover (B) for KV-S3065CL Series	во всД
25	PSNEC0006Z	Scare	
24	PRIEABILIZ	Shart Cover	
22	V3F0096	Rivet	
22	PPRT4TADEUSE	PAPER IAM SENSOR Board	(RTL) PNF
22	PSHEC0072Z	JAM SENSOR Board Short	
20	PSIRC2461Z	Paper Jam Sunsor Cable	
21	PPRT4TADFISE	ENDING (REAR) SENSOR Board	(RTL) PNF
22	PSIRC2454Z	Ending (Rear) Sensor Cable	
24	PPRT-(TADFIED	POINTER Road	(RTL) PNF
35	PSIRC2463Z	Pointer Cable	
36	PIUEC0040Z	Exit Conveyor Upper Assy	
32	PSMECR055Z	Discharge Streets	
22	PIDECINARZ	Dat Free Roller Shell	
22	PROSAGONOZ	Free Redur Prossura	
42	PIDIAMINZ	Roller Buar	280: POM
41	PIDRCW77Z	Free Redur	ISO: POM
42	PINW4111Z	Spacer	ISO: PA
42	EDS-I	Edge Saddle	
44	PIMECHOSZ	Imprimer Connector Plate	
45	PSIRC2464Z	Poe-Imprimer Cable	
- 44	EDS-1208U	Edge Saddle	
42	ED6-17L	Lock Edec Saddle	
	K-169G	Clamer	
		Her Surface Label	
41			
42	PSQTC0083Z	Clamer	



Ref. No.	Part No.	Part Name & Description	Remarks
1	PBDRA0065Z	Separation Roller	
2	RWPS8-025	Polyelider	
2	DDLF-1280ZZH	Ball Bearing 2	
4	PBDGA0055Z	Separation Drive Gear	
	PBDFA0133Z		

	PBHRA0119Y DDLF-1360ZZR	Paper Feed Lever Bearing	ISO: POM
<u> </u>	RWPS6-025	Spacer	
	PBDRA00302 RWP86-050	Pitch Roller I Polyslider	ISO: POM
11 7	PBDGA0013Z	Paper Food Gear	
	PBDRA0064Z B-F6-171	Paper Feed Roller Bearing	
<u>14</u> P	PBMDX0462Y	Feed Unit Plate Assy	
	PJDG50326Z PBDFA0096Z	Gear Release Shaft	ISO: POM
12 P	PBUL30Y	Lock Release Plate	
	PJMDB0016Y PJMDB0015Y	Release Lever I. Release Lever R	
22 P	PBDSA0088Z	Release Lever Spring (L)	
2 <u>11</u> P	PBDSA0089Z	Release Lever Spring (R)	
23 P	PJMEC0007Z	Discharge Brush Fitting Plate	
24	PPB747ADF05N	ENDING (FRONT) SENSOR Board	(RTL) PhF
		Discharge Plate Sheet Ending (Front) SensorCable	
22 K	KG-010-L30	Bush	
	PJHEC0080Z DDLF-1260ZZR	Filter IR 76 Bearing	
		Scanner Drive Gear	ISO: POM
31 P	PJDRB0005Z-J PJMEC9016Z	Exit Roller Imprinter Plate Upper	
33 P	PJUSB0099Z	Imprinter Lock Spring	
<u>H</u> C	C-54-2	Magnet Rubber	
		Clamp	
22 K		Clamper	
	PJMEC0013Z PJMEC0010Z	Sensor Spring Starting Sensor Cover	
<u>+2</u> P	PJDFC0067Z	Free Roller Shaft	
	PJDRC0077Z PJBVC0081Z	Free Roller Free Roller Spring 2	ISO: POM
<u>41</u> P	PJMEC0021Z	Free Roller Plate R	
	PJNW4111Z PJULC0010Z	Spacer Brinfore Plate Union 7 ASSV	ISO: PA
<u>#</u> P	PJMEC0035Z	Reinforce Plate Upper 2 ASSY Imprinter Connector Plate	
42 7	PJJRC2466Z	Pre Imprinter Cable	
	PJMEC0008Z	Lamp Drive (F) Cable Relay Board Cover Upper	
22 P	PJHXC0006Z	Inverter Sheet Upper	ISO: PPEA
		STARTING SENSOR Board	(RTL) PbF
	EDS-1 EDS-0607M	Edge Saddle Edge Saddle	
<u>54</u> P		Relay (Upper) Cable	
	PPB747ADF05J PJJRC2474Z	RELAY (UPPER) Board Starting Sensor Cable	(RTL) PhF
<u>57</u> P	PJJRC2476Z	Waiting Sensor Cable	
	PBULARISTY PHTCR013Z	Plate FG Cable 1	
<u>60</u> P	PJULC0012Z	Reinforce Plate Upper 3	
		Locking Wire Saddle	arra
		CIS (F) RELAY Board for KV-83065CW Series CIS (F) RELAY Board for KV-83065CL Series	(RTL) PhF (RTL) PhF
<u>61</u> P	PJJEC3438Z	A3_CIS FFC for KV-S3065CW Series	
63 P	PJJEC3439Z PJJRC2448Y	A4_CIS FFC for KV-83065CL Series CIS(F) Relay Cable I	
<u>65</u> P	PJJRC2449Y	CIS(F) Relay Cable 2	
	PJDFC0066Z PJBWC0049Z	Sub Chassis Shaft Feed Unit Release Spring	
	PBDGA0030Z	Feed Unit Release Spring Idler Gear-IBD	ISO: POM
<u>22</u> P	PJNW525Z	Spacer	ISO: PA
	PJMEC0020Z L2CC0009-J1	Free Roller Plate I. SENSOR Unit for KV-S3065CW Series	
71 1.	L2CC9013-J1	SENSOR Unit for KV-S3065CL Series	
	PBULA0135X	CIS Spring Reinforcement Plate (U) 4	
24 C	C-91-3	Magnet	
	PBULA0133Y LWS-3S	Reinforcement Plate (U) 2 Clamper	
		Plate	
	PBHEA006Z	Magnet Sheet	
<u>22</u> P	PBUEAGGEZ		
22 P	PBUEA0001Z PJUEC0033Z PJULC0009Z	Magnet Sheet Correyor (Upper) 1 Correyor Upper 2 Reinforce Plate Upper 1	
22 P	PBUEA0001Z PJUEC0033Z PJUEC009Z PJUEC0070Z	Magnet Sheet Conveyor (Upper) 1 Conveyor Upper 2 Reinforce Plate Upper 1 Screw Holder Sheet	ISO: PET 🛆
22 P 20 P 81 P 82 P	PBUEA0001Z PJUEC0033Z PJULC0009Z	Magnet Sheet Correyor (Upper) 1 Correyor Upper 2 Reinforce Plate Upper 1	ISO: PET 🛆
22 P 20 P 31 P 32 P 31 T 34 P	PBUEA0001Z PJUEC0033Z PJUEC009Z PJUEC0070Z TB-1926 PJUSB0100Z PJMEC0022Z	Magnet Sheet Convoyer (Jipper) 1 Convoyer (Jipper) 2 Reafisince Fluid (Jipper) 2 Screw Helder Sheet Blushing Imprinter Lock Spring Transport Holds	ISO: PET 🛆
22 P 22 P 21 P 22 P 23 T 24 P 25 P 26 P	PBUEA001Z PJUEC0033Z PJUEC0099Z PJHEC0070Z TB-1926 PJUSB0100Z	Magnet Sheet Convoyer (Upper) 1 Convoyer (Upper) 2 Reinforce Plant Upper 2 Reinforce Plant Upper 1 Screw Holder Sheet Hushing Imprinter Lock Spring	ISO: PET Δ
22 P 21 P 21 P 21 P 21 T 21 T 22 P 21 T 22 P 22 P 23 P 25 P	PBUEA0001Z PJUEC0033Z PJULC0099Z PJUEC0070Z TH-1926 PJUS00100Z PJMEC0022Z PJMEC0022Z PJMVC0083Z PJMVC13Y PJNEC0001Z	Magnet Sheet Compose (19per 1 Compose (19per 2 Readmore Path (19per 1 Readmore Path (19per 1 Readmore Nata (1)per 1 Readmore Nata (1)per 1 Readmore Nata (1)per	
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22 P	PRITEARIOUZ PPUECORSIZ PPUECORSIZ PPUECORSIZ TB-1926 PPUECORSIZ PPUECORSIZ PPMECORSIZ PMECORSIZ	Magust Manel Consepte Upper 1 Consepte Upper 2 Readman Fact Upper 1 Scores Holder Shout Benking Benking Benking Benking Benking Transport Rose Transport Rose Transport Rose WATTEN STROKER Band WATTEN STROKER Band WATTEN STROKER Band	(RTL) PAF
22 P	PBULVA0001Z PFUECO031Z PFUECO031Z PFUECO07BZ TB-1926 PFUESO07BZ TB-1926 PFUESO07BZ PFUESO07BZ PFUECO07BZ PFUEC	Magust Marc Compose Spige 1 Compose Spige 1 Compose Spige 1 Source Robbits Banking Banking Banking Banking Tampose Bank SASTOR (S) Banke SASTOR (S) B	(RTL) PMF
22 P P S P P P S P	PBULVA0001Z PFUECO031Z PFUECO031Z PFUECO07BZ TB-1926 PFUESO07BZ TB-1926 PFUESO07BZ PFUESO07BZ PFUECO07BZ PFUEC	Magust Manel Consepte Upper 1 Consepte Upper 2 Readman Fact Upper 1 Scores Holder Shout Benking Benking Benking Benking Benking Transport Rose Transport Rose Transport Rose WATTEN STROKER Band WATTEN STROKER Band WATTEN STROKER Band	(RTL) PAF
22 P 22 P 21 P 22 P 23 P 24 P 25 P 25 P 26 P 27 P 28 P 29 P 21 P 21 P 22 P 23 P	PRILEAGORZ PRIECOGRA PRIECOGRA PRIECOGRA PRIECOGRA TB-1026 PRIESOGRA P	Magest March Comprost Signed 1	(RTL) PhF (RTL) PhF (RTL) PhF
22 P P P S1 P P P P P P P P P P P P P P P	PRILIZAGOSIZ PRILIZAGOSIZ PRILIZAGOSIZ PRILIZAGOSIZ PRILIZAGOSIZ PRILIZAGOSIZ PRINSOCO PRINSO	Magust Marci Compose Hyper 1 Compose Hyper 1 Compose Hyper 1 Sonce Robbins Banking Banking The Hyper 1 Sonce Robbins Banking Transport Robe Transport Robe Spring Transport Robe Spring Transport Robe Spring Transport Robe SSEN ON Hyper 1 SSEN HYPER	(RTL) PAF
22 P 22 P 31 P 52 P 51 T 52 P 52 P 52 P 52 P 53 P 54 P 55 P 55 P 56 P 57 P 58 P 58 P 59 P 50	PBULEAGOSZ PPULCOGOSZ PPULCOGOSZ PPULCOGOSZ PPULCOGOSZ TB-926 PPULCOGOSZ PPUL	Magust Maria Compose (Spire) 1 Compose (Spire) 1 Compose (Spire) 2 Manifolian Plant (Spire) 1 Sone Trible Shout Burding Shout (Spire) 2 Manifolian Plant (Spire) Transport Role Transport	(RTL) PhF (RTL) PhF (RTL) PhF
22 P 22 P 21 P 21 P 22 P 23 P 24 P 25 P 26 P 27 P 28 P 29 P 21 P 21 P 21 P 22 P 21 P 21 P 22 P 21 P 21	PRILEASONIZ PRILEA	Magus Baba C. Compos Ulyga T.	(RTL) PMF (RTL) PMF ISO: ABS
22 P	PRILITAGIOSZ PRILITAGIOSZ PRILITAGIOSZ PRILITAGIOSZ PRILITAGIOSZ TIT-1926 PRILITAGIOSZ PRILITAGI	Magest Bash Commyon (Spire) 1 Commyon (Spire) 1 Commyon (Spire) 2 Composed Spire) 2 Commyon (Spire) 2	(RTL) PhF (RTL) PhF (RTL) PhF ISO: ABS
22 P P	PRILICAGOUZ PRIECOGIZ PRIECOGIZ PRIECOGIZ TB-1926 PRICOGOUZ TB-1926 PRICOGOUZ TB-1926 PRICOGOUZ PRIECOGIZ	Magest Bash Commyon (Spiral)	(RTL) PMF (RTL) PMF ISO: ABS
22 P P	PRILICAGONIZ PRILICAGONIZ PRILICAGONIZ PRILICAGONIZ TIT-1926 PRINISONOMIZ PRINISONO	Magnet March Comprost Spige 1 Comprost Spige 2 Comprost S	(RTL) PhF (RTL) PhF (RTL) PhF ISO: ABS
22	PRILEAGUEZ PRILEA	Magust Barb. Compose (1) good 1	(RTL) PhF (RTL) PhF (RTL) PhF ISO: ABS
22	PRILEAGORIZ PRILEAGORIZ PRILEAGORIZ PRILEAGORIZ TH-1926 TH-1926 PRILEAGORIZ TH-1926 TH-1926 PRILEAGORIZ PRILEAGO	Magnet Ment Commyor (Spire) 1 Commyor (Spire) 2 Commyor (Spire) 3 Commyor (Spire) 4	(RTL) PhF (RTL) PhF (RTL) PhF ISO: ABS
22 P 24 25 26 27 27 27 27 27 27 27	PBILITAGIONIZ PPILICOGONIZ PPILICOGONIZ PPILICOGONIZ PPILICOGONIZ PPILICOGONIZ PPILICOGONIZ PPINICOGONIZ PRINICOGONIZ PRIN	Magnet Ment Compare Higher 1 Compare Hi	(RTL) PhF (RTL) PhF (RTL) PhF ISO: ABS
22	PRILEAGORZ PRILEAGORZ PRILEAGORZ PRILEAGORZ PRILEAGORZ PRILEAGORZ PRILEAGORZ PRILEAGORZ PRILEAGORZ PRILEAGORZ PRILEAGORZ PRILEAGORZ PRILEAGORZ PRILEAGORZ PRILEAGORZ PRILEAGORZ	Magnet Ment Commyor (Spire) 1 Commyor (Spire) 2 Commyor (Spire) 3 Commyor (Spire) 4	(RTL) PhF (RTL) PhF (RTL) PhF ISO: ABS
22 P	THE LANGE AND A THE CONSTRUCTION OF THE CONSTR	Magus Mario Compos (Spiral) Compos (Spi	(RTL) PhF (RTL) PhF (RTL) PhF ISO: ABS
22	THE LAND AND AND AND AND AND AND AND AND AND	Magnet Mental Compart Spige 1 Compart Spige 2	(RTL) PhF (RTL) PhF (RTL) PhF ISO: ABS
22 P	THE ILL AND ALL THE ALL AND AL	Magnet Ment Compose (Spiper) Compose (Sp	(RTL) PhF (RTL) PhF (RTL) PhF ISO: ABS
22	THE ILL ADDRESS OF THE STATE OF	Magnet Ment Composit Spiral 1 Composit Composit	(RTL) PhF (RTL) PhF (RTL) PhF ISO: ABS
22 P	THE LANGE TO THE CONTROL OF THE CONT	Magnet Mente Compart Spige 1 Compart Spige 2 C	(RTL) PhF (RTL) PhF (RTL) PhF ISO: ABS
22	THE ILL ADDRESS OF THE STATE OF	Magnet Ment Compost Stype 1 Compost Composit C	(RTL) PhF (RTL) PhF (RTL) PhF ISO: ABS
22	TREALMORE TO THE CONTROL TO THE CONT	Magnet Mente Compart Spige 1 Compart Spige 2 C	(RTL) PhF (RTL) PhF (RTL) PhF ISO: ABS





Note:

- *1 Certification Mark according to The Commodity Inspection Act in Taiwan
- *2 AC cords for China have the certification mark according to REGULATIONS FOR CHINA COMPULSORY PRODUCT CERTIFICATION.

REPLACEMENT MECHANICAL PARTS LIST (Packing)

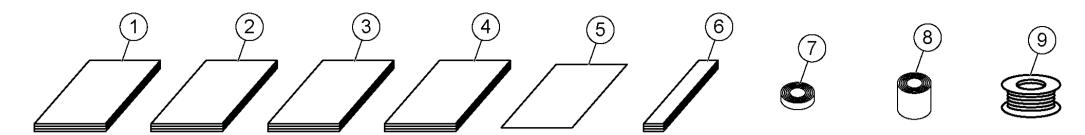
Ref. No. Part No. PJPGC0104Z-W		Part Name & Description	Remarks
		Outer Carton for KV-S3065CW	
1	PJPGC104Z-AW	Outer Carton for KV-S3065CW-A	
1	PJPGC104Z-TW	Outer Carton for KV-S3065CW-T	
1	PJPGC104Z-UW	Outer Carton for KV-S3065CW-U	
1	PJPGC104ZCNW	Outer Carton for KV-S3065CWCN	
1	PJPGC0104Z-L Outer Carton for KV-S3065CL		
1	PJPGC104Z-AL	Outer Carton for KV-S3065CL-A	
1	PJPGC104Z-TL	Outer Carton for KV-S3065CL-T	



1	PJPGC104Z-UL	Outer Carton for KV-S3065CL-U	
1	PJPGC104ZCNL	Outer Carton for KV-S3065CLCN	
2	HP-601W2-R	Joint	ISO:PP
3	PBPGA0322Y	Bottom Carton	
4	PJPQC0012Z	Bottom Cushion	ISO:PP
4	PJPQC0012Z-J	Bottom Cushion for KV-S3065CW-U / KV-S3065CL-U	ISO:PP
5	PBPPA0022Z	Vinyl Bag	ISO:PE
5	PBPPA0022Z-J	Vinyl Bag for KV-S3065CW-U / KV-S3065CL-U	ISO:PE
6	PBPNA0167Y	Cushion	
2	PJQTC0133Z	installation Guide	
8	PJPQC0011Z	Upper Cushion	
8	PJPQC0011Z-J	Upper Cushion for KV-S3065CW-U / KV-S3065CL-U	
2	PJQMC0131Z	Maintainance Manual for English	
9	PJQMC0132Z	Maintainance Manual for German	
9	PJQMC0133Z	Maintainance Manual for French	
9	PJQMC0134Z	Maintainance Manual for Spanish	
9	PJQMC0135Z	Maintainance Manual for Italian	
9	PJQMC0136Z	Maintainance Manual for Korean	
9	PJQMC0137Z	Maintainance Manual for Russian	
9	PJQMC0138Z	Maintainance Manual for Chinese	
<u>10</u>	PJQXC0026Z	Installation Manual for English	
10	PJQXC0027Z	Installation Manual for German	
10	PJQXC0028Z	Installation Manual for French	
10	PJQXC0029Z	Installation Manual for Spanish	
10	PJQXC0030Z	Installation Manual for Italian	
10	PJQXC0031Z	Installation Manual for Korean	
10	PJQXC0032Z	Installation Manual for Russian	
10	PJQXC0033Z	Installation Manual for Chinese	
<u>11</u>	PBHSA0055Z	Roller Cleaning Paper	
12	PJIUA0001Z	Blower Brush	
<u>13</u>	PBAQA0212Q	CD-ROM	
14	K1HB04CD0003	USB Cable	
15	K2CG3DH00032	Power Cord (120 V) for USA	Δ
15	K2CK3DH00020	Power Cord for AUSTRALLA	Δ
15	K2CG3DH00044	Power Cord for TAIWAN	Δ
15	K2CT3DH00014	Power Cord (240 V) for Type BF	Δ
15	K2CN3DH00003	Power Cord (240 V) for GERMANY	Δ
15	K2CK3DH00014	Power Cord (220 V) Type S for CHINA	Δ

14.7 Tool

TOP PREVIOUS NEXT



REPLACEMENT MECHANICAL PARTS LIST (Tool)

Ref. No.	Part No.	Part Name & Description
1	PBQX90095Z-J	Test Chart A (A4) (10 Pieces)
2	PJQXC0034Z-J	Shading Sheet (10 Pieces)
3	PBQX90121Z-J	Adjustment Paper (50 Pieces)
4	PBQX90104Z-J	Test Chart A (10 Pieces)
<u>5</u>	PBQX90105Z-J	Test Chart B (10 Pieces)
<u>6</u>	PJQXC0041Z-J	Focus Chart (5 Pieces)
2	T4E30725-2	Polyester Tepe (19 mm)
8	T4E307100	Polyester Tepe (100 mm)
2	RMA02M705-08	Eco Solder

15 REPLACEMENT PARTS LIST

TOP PREVIOUS NEXT

IMPORTANT SAFETY NOTICE

Components identified by extstyle extstyle

Note: RTL (Retention time limited)

The marking (RTL) in the Remark column indicates that Retention Time is limited for this for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. Theretention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of Part Name and Description

1. Resistor

Example:

ERJ6GEYJ472 4.7k / J / 0.1W (1/10W)

ALL	OWANCE
F	±1%
G	±2%
J	±5%
K	±10%
M	±20%

2. Capacitor

Example:

ECUX1H104ZFX 0.1 / Z / 50V

ALLOWANCE	
С	±0.25 pF

- D ±0.5 pF
- F ±1 pF
- J ±5%
- K ±10%
- L ±15%
- M ±20%
- P +100% -0%
- Z +800% -20%

15.1 CONTROL Board

15.2 INTERFACE Board

15.3 DRIVE Board

15.4 CIS (F) RELAY Board

15.5 CIS (B) RELAY Board

15.6 PANEL Board

15.7 POWER RELAY Board

15.8 POST IMPRINTER DOOR Board

15.9 POINTER Board

15.10 PAPER JAM SENSOR Board

15.11 ENDING (REAR) Board

15.12 RELAY (LOWER) Board

15.13 HOPPER HOME Board

15.14 SIZE DETECTOR Board

15.15 RELAY (UPPER) Board

15.16 WAITING SENSOR Board

15.17 SKEW (R) Board

15.18 STARTING SENSOR Board

15.19 ENDING (FRONT) Board

15.20 POWER Board

15.1 CONTROL Board

Ref. No.	Part No.	Part Name & Description	Remarks
	RE	SISTORS	
R1000	ERJ3GEYJ103	10K / J / (1/10W)	
R1001	ERJ3GEYJ103	10K / J / (1/10W)	
R1002	ERJ3GEYJ103	10K / J / (1/10W)	
R1003	ERJ3GEYJ103	10K / J / (1/10W)	
R1004	ERJ3GEYJ101	100 / J / (1/10W)	
R1005	ERJ3GEYJ101	100 / J / (1/10W)	
R1006	ERJ3GEYJ101	100 / J / (1/10W)	
R1007	ERJ3GEYJ101	100 / J / (1/10W)	
R1008	ERJ3GEYJ101	100 / J / (1/10W)	
R1009	ERJ3GEYJ103	10K / J / (1/10W)	
R1010	ERJ3GEYJ220	22 / J / (1/10W)	
R1011	ERJ3GEYJ220	22 / J / (1/10W)	
R1012	ERJ3GEYJ220	22 / J / (1/10W)	
R1013	ERJ3GEYJ220	22 / J / (1/10W)	
R1014	ERJ3GEYJ101	100 / J / (1/10W)	
R1015	ERJ3GEYJ220	22 / J / (1/10W)	
R1016	ERJ3GEYJ220	22 / J / (1/10W)	
R1017	ERJ3GEYJ220	22 / J / (1/10W)	
R1018	ERJ3GEYJ220	22 / J / (1/10W)	
R1019	ERJ3GEYJ220	22 / J / (1/10W)	
R1020	ERJ3GEYJ101	100 / J / (1/10W)	
R1021	ERJ3GEYJ220	22 / J / (1/10W)	
R1022	ERJ3GEYJ220	22 / J / (1/10W)	
R1023	ERJ3GEYJ220	22 / J / (1/10W)	
R1024	ERJ3GEYJ472	4.7K / J / (1/10W)	
R1025	ERJ3GEYJ472	4.7K / J / (1/10W)	
R1026	ERJ3GEYJ472	4.7K / J / (1/10W)	
R1027	ERJ3GEYJ472	4.7K / J / (1/10W)	
R1028	ERJ3GEYJ472	4.7K / J / (1/10W)	
R1029	ERJ3GEYJ472	4.7K / J / (1/10W)	
R1030	ERJ3GEYJ472	4.7K / J / (1/10W)	
R1031	ERJ3GEYJ472	4.7K / J / (1/10W)	

R1032	ERJ3GEYJ472	4.7K / J / (1/10W)
R1033	ERJ3GEYJ472	4.7K / J / (1/10W)
R1034	ERJ3GEYJ472	4.7K / J / (1/10W)
R1035	ERJ3GEYJ472	4.7K / J / (1/10W)
R1036	ERJ3GEYJ472	4.7K / J / (1/10W)
R1037	ERJ3GEYJ472	4.7K / J / (1/10W)
R1038	ERJ3GEYJ472	4.7K / J / (1/10W)
R1039	ERJ3GEYJ472	4.7K / J / (1/10W)
R1040	ERJ3GEYJ471	470 / J / (1/10W)
R1041	ERJ3GEYJ471	470 / J / (1/10W)
R1042	ERJ3GEYJ471	470 / J / (1/10W)
R1043	ERJ3GEYJ471	470 / J / (1/10W)
R1044	ERJ3GEY0R00	0-ohm Jumper
R1045	ERJ3GEY0R00	0-ohm Jumper
R1047	ERJ3GEY0R00	0-ohm Jumper
R1048	ERJ3GEY0R00	0-ohm Jumper
R1050	ERJ3GEY0R00	0-ohm Jumper
R1051	ERJ3GEY0R00	0-ohm Jumper
R1053	ERJ3GEYJ470	47 / J / (1/10W)
R1054	ERJ3GEYJ470	47 / J / (1/10W)
R1056	ERJ3GEYJ470	47 / J / (1/10W)
R1057	ERJ3GEYJ470	47 / J / (1/10W)
R1058	ERJ3GEYJ472	4.7K / J / (1/10W)
R1059	ERJ3GEYJ472	4.7K / J / (1/10W)
R1060	ERJ3GEYJ472	4.7K / J / (1/10W)
R1061	ERJ3GEYJ472	4.7K / J / (1/10W)
R1062	ERJ3GEYJ472	4.7K / J / (1/10W)
R1063	ERJ3GEYJ472	4.7K / J / (1/10W)
R1064	ERJ3GEYJ472	4.7K / J / (1/10W)
R1065	ERJ3GEYJ472	4.7K / J / (1/10W)
R1066	ERJ3GEYJ472	4.7K / J / (1/10W)
R1067	ERJ3GEYJ472	4.7K / J / (1/10W)
R1068	ERJ3GEYJ472	4.7K / J / (1/10W)
R1069	ERJ3GEYJ472	4.7K / J / (1/10W)
R1070	ERJ3GEYJ472	4.7K / J / (1/10W)
R1071	ERJ3GEYJ472	4.7K / J / (1/10W)
R1072	ERJ3GEYJ472	4.7K / J / (1/10W)
R1073	ERJ3GEYJ472	4.7K / J / (1/10W)
R1074	ERJ3GEYJ471	470 / J / (1/10W)

R1075	ERJ3GEYJ471	470 / J / (1/10W)
R1076	ERJ3GEYJ471	470 / J / (1/10W)
R1077	ERJ3GEYJ471	470 / J / (1/10W)
R1078	ERJ3GEY0R00	0-ohm Jumper
R1079	ERJ3GEY0R00	0-ohm Jumper
R1081	ERJ3GEY0R00	0-ohm Jumper
R1082	ERJ3GEY0R00	0-ohm Jumper
R1084	ERJ3GEY0R00	0-ohm Jumper
R1085	ERJ3GEY0R00	0-ohm Jumper
R1087	ERJ3GEYJ470	47 / J / (1/10W)
R1088	ERJ3GEYJ470	47 / J / (1/10W)
R1090	ERJ3GEYJ470	47 / J / (1/10W)
R1091	ERJ3GEYJ470	47 / J / (1/10W)
R1092	ERJ3GEYJ473	47K / J / (1/10W)
R1093	ERJ3GEYJ473	47K / J / (1/10W)
R1094	ERJ3GEYJ473	47K / J / (1/10W)
R1095	ERJ3GEYJ473	47K / J / (1/10W)
R1096	ERJ3GEYJ473	47K / J / (1/10W)
R1097	ERJ3GEYJ473	47K / J / (1/10W)
R1098	ERJ3GEYJ334	330K / J / (1/10W)
R1099	ERJ3GEYJ334	330K / J / (1/10W)
R1100	ERJ3GEYJ473	47K / J / (1/10W)
R1101	ERJ3GEYJ473	47K / J / (1/10W)
R1102	ERJ3GEYJ473	47K / J / (1/10W)
R1103	ERJ3GEYJ473	47K / J / (1/10W)
R1104	ERJ3GEYJ334	330K / J / (1/10W)
R1105	ERJ3GEYJ334	330K / J / (1/10W)
R1106	ERJ3GEYJ334	330K / J / (1/10W)
R1107	ERJ3GEYJ334	330K / J / (1/10W)
R1108	ERJ3GEYJ473	47K / J / (1/10W)
R1109	ERJ3GEYJ473	47K / J / (1/10W)
R1110	ERJ3GEYJ473	47K / J / (1/10W)
R1111	ERJ3GEYJ473	47K / J / (1/10W)
R1112	ERJ3GEYJ334	330K / J / (1/10W)
R1113	ERJ3GEYJ224	220K / J / (1/10W)
R1114	ERJ3GEYJ334	330K / J / (1/10W)
R1115	ERJ3GEYJ334	330K / J / (1/10W)
R1116	ERJ3GEYJ473	47K / J / (1/10W)
R1117	ERJ3GEYJ473	47K / J / (1/10W)

R1118	ERJ3GEYJ224	220K / J / (1/10W)
R1119	ERJ3GEYJ334	330K / J / (1/10W)
R1120	ERJ3GEYJ334	330K / J / (1/10W)
R1121	ERJ3GEYJ334	330K / J / (1/10W)
R1122	ERJ3GEYJ334	330K / J / (1/10W)
R1123	ERJ3GEYJ334	330K / J / (1/10W)
R1124	ERJ3GEYJ332	3.3K / J / (1/10W)
R1125	ERJ3GEYJ332	3.3K / J / (1/10W)
R1126	ERJ3GEYJ332	3.3K / J / (1/10W)
R1127	ERJ3GEYJ332	3.3K / J / (1/10W)
R1128	ERJ3GEYJ332	3.3K / J / (1/10W)
R1129	ERJ3GEYJ332	3.3K / J / (1/10W)
R1130	ERJ3GEYJ332	3.3K / J / (1/10W)
R1131	ERJ3GEYJ332	3.3K / J / (1/10W)
R1132	ERJ3GEYJ332	3.3K / J / (1/10W)
R1133	ERJ3GEYJ332	3.3K / J / (1/10W)
R1134	ERJ3GEYJ332	3.3K / J / (1/10W)
R1135	ERJ3GEYJ332	3.3K / J / (1/10W)
R1136	ERJ3GEYJ332	3.3K / J / (1/10W)
R1137	ERJ3GEYJ332	3.3K / J / (1/10W)
R1138	ERJ3GEYJ332	3.3K / J / (1/10W)
R1139	ERJ3GEYJ332	3.3K / J / (1/10W)
R1155	ERJ3GEYJ473	47K / J / (1/10W)
R1162	ERJ3GEYJ222	2.2K / J / (1/10W)
R1168	ERJ3GEYJ473	47K / J / (1/10W)
R1151	ERJ3GEYJ103	10K / J / (1/10W)
R1152	ERJ3GEYJ103	10K / J / (1/10W)
R1153	ERJ3GEYJ103	10K / J / (1/10W)
R1154	ERJ3GEYJ103	10K / J / (1/10W)
R1156	ERJ3GEYJ102	1K / J / (1/10W)
R1157	ERJ3GEYJ103	10K / J / (1/10W)
R1158	ERJ3GEYJ103	10K / J / (1/10W)
R1163	ERJ3GEY0R00	0-ohm Jumper
R1164	ERJ3GEYJ103	10K / J / (1/10W)
R1165	ERJ3GEYJ103	10K / J / (1/10W)
R1166	ERJ3GEYJ103	10K / J / (1/10W)
R1170	ERJ3GEYJ201	200 / J / (1/10W)
R1171	ERJ3GEYJ101	100 / J / (1/10W)
R1172	ERJ3GEYJ103	10K / J / (1/10W)

R1173 ERJ3GEYJ103 10K / J / (1/10W) R1174 ERJ3GEYJ103 10K / J / (1/10W) R1175 ERJ3GEYJ103 10K / J / (1/10W) R1179 ERJ3GEYJ101 100 / J / (1/10W) R1181 ERJ3GEYJ101 100 / J / (1/10W) R1182 ERJ3GEYJ101 100 / J / (1/10W) R1183 ERJ3GEYJ103 10K / J / (1/10W) R1184 ERJ3GEYJ103 10K / J / (1/10W) R1185 ERJ3GEYJ103 10K / J / (1/10W) R1186 ERJ3GEYJ103 10K / J / (1/10W) R1187 ERJ3GEYJ103 10K / J / (1/10W) R1188 ERJ3GEYJ103 10K / J / (1/10W) R1189 ERJ3GEYJ103 10K / J / (1/10W) R1180 ERJ3GEYJ103 10K / J / (1/10W) R1191 ERJ3GEYJ103 10K / J / (1/10W) R1192 ERJ3GEYJ103 10K / J / (1/10W) R1194 ERJ3GEYJ103 10K / J / (1/10W) R1195 ERJ3GEYJ103 10K / J / (1/10W) R1196 ERJ3GEYJ103 10K / J / (1/10W) R1197 ERJ3GEYJ472 4.7K / J / (1/10W) R1198 ERJ3GEYJ472 4.7K / J / (1/10W) R1199 ERJ3GEYJ472 4.7K / J / (1/10W) R1190 ERJ3GEYJ472 4.7K / J / (1/10W) R1191 ERJ3GEYJ472 4.7K / J / (1/10W) R1192 ERJ3GEYJ472 4.7K / J / (1/10W) R1193 ERJ3GEYJ472 4.7K / J / (1/10W) R1194 ERJ3GEYJ472 4.7K / J / (1/10W) R1195 ERJ3GEYJ472 4.7K / J / (1/10W) R1196 ERJ3GEYJ472 4.7K / J / (1/10W) R1197 ERJ3GEYJ472 4.7K / J / (1/10W) R1200 ERJ3GEYJ472 4.7K / J / (1/10W) R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ472 4.7K / J / (1/10W) R1204 ERJ3GEYJ223 22K / J / (1/10W) R1205 ERJ3GEYJ223 22K / J / (1/10W) R1206 ERJ3GEYJ222 2.2K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ472 4.7K / J / (1/10W) R1216 ERJ3GEYJ472 4.7K / J / (1/10W) R1217 ERJ3GEYJ472 4.7K / J / (1/10W) R1218 ERJ3GEYJ472 4.7K / J / (1/10W) R1219 ERJ3GEYJ472 4.7K / J / (1/10W) R1210 ERJ3GEYJ472 4.7K / J / (1/10W) R1211 ERJ3GEYJ472 4.7K / J / (1/10W) R1212 ERJ3GEYJ472 4.7K / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ472 4.7K / J / (1/10W			
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R1185 ERJ3GEYJ103 10K / J / (1/10W) R1186 ERJ3GEYJ103 10K / J / (1/10W) R1187 ERJ3GEYJ103 10K / J / (1/10W) R1189 ERJ3GEYJ103 10K / J / (1/10W) R1190 ERJ3GEYJ103 10K / J / (1/10W) R1191 ERJ3GEYJ103 10K / J / (1/10W) R1192 ERJ3GEYJ103 10K / J / (1/10W) R1194 ERJ3GEYJ103 10K / J / (1/10W) R1195 ERJ3GEYJ103 10K / J / (1/10W) R1196 ERJ3GEYJ472 4.7K / J / (1/10W) R1197 ERJ3GEYJ472 4.7K / J / (1/10W) R1198 ERJ3GEYJ472 4.7K / J / (1/10W) R1199 ERJ3GEYJ472 4.7K / J / (1/10W) R1200 ERJ3GEYJ472 4.7K / J / (1/10W) R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ472 4.7K / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1205 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ222 2.2K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1215 ERJ3GEYJ222 2.2K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1183	ERJ3GEYJ103	10K / J / (1/10W)
R1186 ERJ3GEYJ103 10K / J / (1/10W) R1187 ERJ3GEYJ103 10K / J / (1/10W) R1189 ERJ3GEYJ103 10K / J / (1/10W) R1190 ERJ3GEYJ103 10K / J / (1/10W) R1191 ERJ3GEYJ103 10K / J / (1/10W) R1192 ERJ3GEYJ103 10K / J / (1/10W) R1194 ERJ3GEYJ472 4.7K / J / (1/10W) R1195 ERJ3GEYJ472 2.7K / J / (1/10W) R1196 ERJ3GEYJ472 4.7K / J / (1/10W) R1197 ERJ3GEYJ472 4.7K / J / (1/10W) R1198 ERJ3GEYJ472 4.7K / J / (1/10W) R1199 ERJ3GEYJ472 4.7K / J / (1/10W) R1200 ERJ3GEYJ472 4.7K / J / (1/10W) R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ472 4.7K / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1205 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1215 ERJ3GEYJ222 2.2K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1184	ERJ3GEYJ103	10K / J / (1/10W)
R1187 ERJ3GEYJ103 10K / J / (1/10W) R1189 ERJ3GEYJ103 10K / J / (1/10W) R1190 ERJ3GEYJ103 10K / J / (1/10W) R1191 ERJ3GEYJ103 10K / J / (1/10W) R1192 ERJ3GEYJ103 10K / J / (1/10W) R1194 ERJ3GEYJ472 4.7K / J / (1/10W) R1195 ERJ3GEYJ103 10K / J / (1/10W) R1196 ERJ3GEYJ272 2.7K / J / (1/10W) R1197 ERJ3GEYJ472 4.7K / J / (1/10W) R1198 ERJ3GEYJ472 4.7K / J / (1/10W) R1199 ERJ3GEYJ472 4.7K / J / (1/10W) R1200 ERJ3GEYJ472 4.7K / J / (1/10W) R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ472 4.7K / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1205 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ223 22K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1215 ERJ3GEYJ222 2.2K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1185	ERJ3GEYJ103	10K / J / (1/10W)
R1189 ERJ3GEYJ103 10K / J / (1/10W) R1190 ERJ3GEYJ103 10K / J / (1/10W) R1191 ERJ3GEYJ103 10K / J / (1/10W) R1192 ERJ3GEYJ103 10K / J / (1/10W) R1194 ERJ3GEYJ472 4.7K / J / (1/10W) R1195 ERJ3GEYJ103 10K / J / (1/10W) R1196 ERJ3GEYJ272 2.7K / J / (1/10W) R1197 ERJ3GEYJ472 4.7K / J / (1/10W) R1198 ERJ3GEYJ472 4.7K / J / (1/10W) R1199 ERJ3GEYJ472 4.7K / J / (1/10W) R1200 ERJ3GEYJ472 4.7K / J / (1/10W) R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ472 4.7K / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1205 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ223 22K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1215 ERJ3GEYJ222 2.2K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1186	ERJ3GEYJ103	10K / J / (1/10W)
R1190 ERJ3GEYJ103 10K / J / (1/10W) R1191 ERJ3GEYJ103 10K / J / (1/10W) R1192 ERJ3GEYJ103 10K / J / (1/10W) R1194 ERJ3GEYJ472 4.7K / J / (1/10W) R1195 ERJ3GEYJ103 10K / J / (1/10W) R1196 ERJ3GEYJ272 2.7K / J / (1/10W) R1197 ERJ3GEYJ472 4.7K / J / (1/10W) R1198 ERJ3GEYJ472 4.7K / J / (1/10W) R1199 ERJ3GEYJ472 4.7K / J / (1/10W) R1200 ERJ3GEYJ472 4.7K / J / (1/10W) R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ472 4.7K / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1205 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1210 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ101 100 / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1215 ERJ3GEYJ222 2.2K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1187	ERJ3GEYJ103	10K / J / (1/10W)
R1191 ERJ3GEYJ103	R1189	ERJ3GEYJ103	10K / J / (1/10W)
R1192 ERJ3GEYJ103 10K / J / (1/10W) R1194 ERJ3GEYJ472 4.7K / J / (1/10W) R1195 ERJ3GEYJ103 10K / J / (1/10W) R1196 ERJ3GEYJ272 2.7K / J / (1/10W) R1197 ERJ3GEYJ472 4.7K / J / (1/10W) R1198 ERJ3GEYJ472 4.7K / J / (1/10W) R1199 ERJ3GEYJ472 4.7K / J / (1/10W) R1200 ERJ3GEYJ472 4.7K / J / (1/10W) R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ472 4.7K / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1205 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ223 22K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ101 100 / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ472 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1190	ERJ3GEYJ103	10K / J / (1/10W)
R1194 ERJ3GEYJ472 4.7K / J / (1/10W) R1195 ERJ3GEYJ103 10K / J / (1/10W) R1196 ERJ3GEYJ272 2.7K / J / (1/10W) R1197 ERJ3GEYJ472 4.7K / J / (1/10W) R1198 ERJ3GEYJ472 4.7K / J / (1/10W) R1199 ERJ3GEYJ472 4.7K / J / (1/10W) R1200 ERJ3GEYJ472 4.7K / J / (1/10W) R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ472 4.7K / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1205 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ223 22K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1191	ERJ3GEYJ103	10K / J / (1/10W)
R1195 ERJ3GEYJ103	R1192	ERJ3GEYJ103	10K / J / (1/10W)
R1196 ERJ3GEYJ272 2.7K / J / (1/10W) R1197 ERJ3GEYJ472 4.7K / J / (1/10W) R1198 ERJ3GEYJ472 4.7K / J / (1/10W) R1199 ERJ3GEYJ472 4.7K / J / (1/10W) R1200 ERJ3GEYJ472 4.7K / J / (1/10W) R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ472 100 / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ222 2.2K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1194	ERJ3GEYJ472	4.7K / J / (1/10W)
R1197 ERJ3GEYJ472 4.7K / J / (1/10W) R1198 ERJ3GEYJ472 4.7K / J / (1/10W) R1199 ERJ3GEYJ472 4.7K / J / (1/10W) R1200 ERJ3GEYJ472 4.7K / J / (1/10W) R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ472 100 / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1195	ERJ3GEYJ103	10K / J / (1/10W)
R1198 ERJ3GEYJ472 4.7K / J / (1/10W) R1199 ERJ3GEYJ472 4.7K / J / (1/10W) R1200 ERJ3GEYJ472 4.7K / J / (1/10W) R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ472 100 / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1196	ERJ3GEYJ272	2.7K / J / (1/10W)
R1199 ERJ3GEYJ472 4.7K / J / (1/10W) R1200 ERJ3GEYJ472 4.7K / J / (1/10W) R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ101 100 / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1197	ERJ3GEYJ472	4.7K / J / (1/10W)
R1200 ERJ3GEYJ472 4.7K / J / (1/10W) R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ101 100 / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1198	ERJ3GEYJ472	4.7K / J / (1/10W)
R1201 ERJ3GEYJ472 4.7K / J / (1/10W) R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ101 100 / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1199	ERJ3GEYJ472	4.7K / J / (1/10W)
R1202 ERJ3GEYJ472 4.7K / J / (1/10W) R1203 ERJ3GEYJ101 100 / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1200	ERJ3GEYJ472	4.7K / J / (1/10W)
R1203 ERJ3GEYJ101 100 / J / (1/10W) R1204 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1201	ERJ3GEYJ472	4.7K / J / (1/10W)
R1204 ERJ3GEYJ101 100 / J / (1/10W) R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1202	ERJ3GEYJ472	4.7K / J / (1/10W)
R1206 ERJ3GEYJ223 22K / J / (1/10W) R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1203	ERJ3GEYJ101	100 / J / (1/10W)
R1207 ERJ3GEYJ222 2.2K / J / (1/10W) R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1204	ERJ3GEYJ101	100 / J / (1/10W)
R1208 D4FBR300A005 Resistor R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1206	ERJ3GEYJ223	22K / J / (1/10W)
R1209 D4FB1R100008 Resistor R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1207	ERJ3GEYJ222	2.2K / J / (1/10W)
R1210 D4FB1R100008 Resistor R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1208	D4FBR300A005	Resistor
R1211 ERJ3GEYJ101 100 / J / (1/10W) R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1209	D4FB1R100008	Resistor
R1212 ERJ3GEYJ101 100 / J / (1/10W) R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1210	D4FB1R100008	Resistor
R1213 ERJ3GEYJ472 4.7K / J / (1/10W) R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1211	ERJ3GEYJ101	100 / J / (1/10W)
R1214 ERJ3GEYJ472 4.7K / J / (1/10W) R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1212	ERJ3GEYJ101	100 / J / (1/10W)
R1215 ERJ3GEYJ102 1K / J / (1/10W) R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1213	ERJ3GEYJ472	4.7K / J / (1/10W)
R1216 ERJ3GEYJ222 2.2K / J / (1/10W)	R1214	ERJ3GEYJ472	4.7K / J / (1/10W)
	R1215	ERJ3GEYJ102	1K / J / (1/10W)
Z1001 EXBV8V220JV Resistor Array	R1216	ERJ3GEYJ222	2.2K / J / (1/10W)
	Z1001	EXBV8V220JV	Resistor Array

Z1002 EXBV8V220JV Resistor Array Z1004 EXBV8V103JV Resistor Array Z1005 EXBV8V103JV Resistor Array Z1006 EXBV8V103JV Resistor Array Z1007 EXBV8V220JV Resistor Array Z1008 EXBV8V220JV Resistor Array Z1009 EXBV8V220JV Resistor Array Z1009 EXBV8V220JV Resistor Array Z1010 EXBV8V103JV Resistor Array Z1011 EXBV8V103JV Resistor Array Z1012 EXBV8V220JV Resistor Array Z1013 EXBV8V220JV Resistor Array Z1014 EXBV8V220JV Resistor Array Z1015 EXBV8V220JV Resistor Array Z1016 EXBV8V220JV Resistor Array Z1017 EXBV8V220JV Resistor Array Z1018 EXBV8V220JV Resistor Array Z1019 EXBV8V220JV Resistor Array Z1019 EXBV8V470JV Resistor Array Z1020 EXBV8V470JV Resistor Array Z1021 EXBV8V470JV Resistor Array Z1022 EXBV8V470JV Resistor Array Z1023 EXBV8V470JV Resistor Array Z1024 EXBV8V470JV Resistor Array Z1025 EXBV8V470JV Resistor Array Z1026 EXBV8V470JV Resistor Array Z1027 EXBV8V470JV Resistor Array Z1028 EXBV8V470JV Resistor Array Z1029 EXBV8V470JV Resistor Array Z1020 EXBV8V470JV Resistor Array Z1021 EXBV8V470JV Resistor Array Z1022 EXBV8V470JV Resistor Array Z1023 EXBV8V470JV Resistor Array Z1024 EXBV8V470JV Resistor Array Z1025 EXBV8V470JV Resistor Array Z1026 EXBV8V470JV Resistor Array Z1027 EXBV8V222JV Resistor Array Z1028 EXBV8V10JJV Resistor Array Z1029 EXBV8V10JJV Resistor Array Z1030 EXBV8V10JJV Resistor Array Z1031 EXBV8V10JJV Resistor Array Z1032 EXBV8V10JJV Resistor Array Z1033 EXBV8V10JJV Resistor Array Z1034 EXBV8V10JJV Resistor Array Z1035 EXBV8V10JJV Resistor Array Z1036 EXBV8V10JJV Resistor Array Z1037 EXBV8V20JV Resistor Array Z1038 EXBV8V10JJV Resistor Array Z1039 EXBV8V10JJV Resistor Array Z1039 EXBV8V10JJV Resistor Array Z1030 EXBV8V10JJV Resistor Array Z1030 EXBV8V10JJV Resistor Array Z1030 EXBV8V10J			
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Z1024 EXBV8V470JV Resistor Array Z1025 EXBV8V470JV Resistor Array Z1026 EXBV8V470JV Resistor Array Z1027 EXBV8V222JV Resistor Array Z1028 EXBV8V222JV Resistor Array Z1029 EXBV8V103JV Resistor Array Z1030 EXBV8V103JV Resistor Array Z1031 EXBV8V101JV Resistor Array Z1032 EXBV8V101JV Resistor Array Z1033 EXBV8V101JV Resistor Array Z1034 EXBV8V101JV Resistor Array Z1035 EXBV8V101JV Resistor Array Z1036 EXBV8V101JV Resistor Array Z1037 EXBV8V220JV Resistor Array Z1038 EXBV8V101JV Resistor Array Z1039 EXBV8V101JV Resistor Array	Z1022	EXBV8V470JV	Resistor Array
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Z1028 EXBV8V222JV Resistor Array Z1029 EXBV8V103JV Resistor Array Z1030 EXBV8V103JV Resistor Array Z1031 EXBV8V101JV Resistor Array Z1032 EXBV8V101JV Resistor Array Z1033 EXBV8V101JV Resistor Array Z1034 EXBV8V101JV Resistor Array Z1035 EXBV8V101JV Resistor Array Z1036 EXBV8V101JV Resistor Array Z1037 EXBV8V220JV Resistor Array Z1038 EXBV8V101JV Resistor Array Z1039 EXBV8V101JV Resistor Array	Z1026	EXBV8V470JV	Resistor Array
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Z1032 EXBV8V101JV Resistor Array Z1033 EXBV8V101JV Resistor Array Z1034 EXBV8V101JV Resistor Array Z1035 EXBV8V101JV Resistor Array Z1036 EXBV8V101JV Resistor Array Z1037 EXBV8V220JV Resistor Array Z1038 EXBV8V101JV Resistor Array Z1039 EXBV8V101JV Resistor Array	Z1030	EXBV8V103JV	Resistor Array
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Z1038 EXBV8V101JV Resistor Array Z1039 EXBV8V101JV Resistor Array	Z1036	EXBV8V101JV	Resistor Array
Z1039 EXBV8V101JV Resistor Array	Z1037	EXBV8V220JV	Resistor Array
	Z1038	EXBV8V101JV	Resistor Array
Z1040 EXBV8V103JV Resistor Array	Z1039	EXBV8V101JV	Resistor Array
,	Z1040	EXBV8V103JV	Resistor Array

Z1041	EXBV8V103JV	Resistor Array
Z1042	EXBV8V103JV	Resistor Array
Z1043	EXBV8V103JV	Resistor Array
Z1044	EXBV8V103JV	Resistor Array
Z1045	EXBV8V220JV	Resistor Array
Z1046	EXBV8V220JV	Resistor Array
Z1047	EXBV8V220JV	Resistor Array
Z1048	EXBV8V220JV	Resistor Array
Z1049	EXBV8V101JV	Resistor Array
Z1050	EXBV8V101JV	Resistor Array
Z1051	EXBV8V101JV	Resistor Array
Z1052	EXBV8V103JV	Resistor Array
Z1053	EXBV8V103JV	Resistor Array
Z1054	EXBV8V103JV	Resistor Array
Z1055	EXBV8V103JV	Resistor Array
Z1056	EXBV8V103JV	Resistor Array
Z1057	EXBV8V103JV	Resistor Array
Z1058	EXBV8V103JV	Resistor Array
Z1059	EXBV8V103JV	Resistor Array
Z1060	EXBV8V103JV	Resistor Array
Z1061	EXBV8V101JV	Resistor Array
Z1062	EXBV8V103JV	Resistor Array
Z1063	EXBV8V103JV	Resistor Array
Z1064	EXBV8V103JV	Resistor Array
Z1065	EXBV8V103JV	Resistor Array
Z1066	EXBV8V103JV	Resistor Array
Z1067	EXBV8V103JV	Resistor Array
Z1068	EXBV8V220JV	Resistor Array
Z1069	EXBV8V220JV	Resistor Array
Z1070	EXBV8V220JV	Resistor Array
Z1071	EXBV8V220JV	Resistor Array
Z1072	EXBV8V220JV	Resistor Array
Z1073	EXBV8V220JV	Resistor Array
Z1074	EXBV8V101JV	Resistor Array
Z1075	EXBV8V101JV	Resistor Array
Z1076	EXBV8V101JV	Resistor Array
Z1077	EXBV8V101JV	Resistor Array
Z1078	EXBV8V101JV	Resistor Array
Z1079	EXBV8V101JV	Resistor Array
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Z1080	EXBV8V101JV	Resistor Array
Z1081	EXBV8V101JV	Resistor Array
Z1082	EXBV8V103JV	Resistor Array
Z1083	EXBV8V103JV	Resistor Array
Z1084	EXBV8V103JV	Resistor Array
Z1085	EXBV8V101JV	Resistor Array
Z1086	EXBV8V101JV	Resistor Array
Z1087	EXBV8V101JV	Resistor Array
Z1088	EXBV8V101JV	Resistor Array
Z1089	EXBV8V103JV	Resistor Array
Z1090	EXBV8V103JV	Resistor Array
Z1091	EXBV8V103JV	Resistor Array
	CAF	PACITORS
C1000	F2G1A1010013	100 / M / 10V
C1001	ECJ1VF1E104Z	0.1 / Z / 25V
C1002	ECUX1H102KBV	1000P / K / 50V
C1003	ECUX1H102KBV	1000P / K / 50V
C1004	ECJ1VF1E104Z	0.1 / Z / 25V
C1005	F2G1A1010013	100 / M / 10V
C1006	ECJ1VF1E104Z	0.1 / Z / 25V
C1007	ECUX1H102KBV	1000P / K / 50V
C1008	ECUX1H102KBV	1000P / K / 50V
C1009	ECJ1VF1E104Z	0.1 / Z / 25V
C1010	F2G0G2210002	220 / M / 4V
C1011	ECUX1H102KBV	1000P / K / 50V
C1012	ECJ1VF1E104Z	0.1 / Z / 25V
C1013	F2G0G2210002	220 / M / 4V
C1014	ECUX1H102KBV	1000P / K / 50V
C1015	ECJ1VF1E104Z	0.1 / Z / 25V
C1016	ECUX1H102KBV	1000P / K / 50V
C1017	ECJ1VF1E104Z	0.1 / Z / 25V
C1018	ECUX1H102KBV	1000P / K / 50V
C1019	ECJ1VF1E104Z	0.1 / Z / 25V
C1020	ECJ1VF1E104Z	0.1 / Z / 25V
C1021	ECJ1VF1E104Z	0.1 / Z / 25V
C1022	ECJ1VF1E104Z	0.1 / Z / 25V
C1023	ECUX1H102KBV	1000P / K / 50V
C1024	ECJ1VF1E104Z	0.1 / Z / 25V
C1025	ECUX1H102KBV	1000P / K / 50V
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C1026	ECUX1H102KBV	1000P / K / 50V
C1027	ECUX1H102KBV	1000P / K / 50V
C1028	ECUX1H102KBV	1000P / K / 50V
C1030	ECJ1VF1E104Z	0.1 / Z / 25V
C1031	ECUX1H102KBV	1000P / K / 50V
C1033	ECJ1VF1E104Z	0.1 / Z / 25V
C1038	ECUX1H102KBV	1000P / K / 50V
C1039	ECUX1H470JCV	47P / J / 50V
C1040	ECUX1H470JCV	47P / J / 50V
C1041	ECJ1VF1E104Z	0.1 / Z / 25V
C1042	ECUX1H470JCV	47P / J / 50V
C1043	ECUX1H470JCV	47P / J / 50V
C1044	ECUX1H102KBV	1000P / K / 50V
C1046	ECUX1H102KBV	1000P / K / 50V
C1047	ECUX1H470JCV	47P / J / 50V
C1048	ECJ1VF1E104Z	0.1 / Z / 25V
C1049	ECUX1H470JCV	47P / J / 50V
C1050	ECJ1VF1E104Z	0.1 / Z / 25V
C1052	F2G1C1010015	100P / M / 16V
C1053	ECUX1H470JCV	47P / J / 50V
C1054	ECUX1H102KBV	1000P / K / 50V
C1055	ECUX1H470JCV	47P / J / 50V
C1056	ECUX1H470JCV	47P / J / 50V
C1057	F2G1A1010013	100 / M / 10V
C1058	ECUX1H470JCV	47P / J / 50V
C1059	ECJ1VF1E104Z	0.1 / Z / 25V
C1060	ECUX1H470JCV	47P / J / 50V
C1061	ECUX1H470JCV	47P / J / 50V
C1062	ECUX1H102KBV	1000P / K / 50V
C1063	F2G1A1010013	100 / M / 10V
C1064	ECJ1VF1E104Z	0.1 / Z / 25V
C1065	F2G1C1010015	100P / M / 16V
C1066	ECUX1H102KBV	1000P / K / 50V
C1067	ECJ1VF1E104Z	0.1 / Z / 25V
C1068	ECJ1VF1E104Z	0.1 / Z / 25V
C1069	ECJ1VF1E104Z	0.1 / Z / 25V
C1070	ECJ1VF1E104Z	0.1 / Z / 25V
C1071	ECJ1VF1E104Z	0.1 / Z / 25V
C1072	ECJ1VF1E104Z	0.1 / Z / 25V

C1074 ECJIVFIE104Z 0.1/Z/25V C1075 ECJIVFIE104Z 0.1/Z/25V C1076 ECJIVFIE104Z 0.1/Z/25V C1077 ECJIVFIE104Z 0.1/Z/25V C1078 ECJIVFIE104Z 0.1/Z/25V C1079 ECJIVFIE104Z 0.1/Z/25V C1080 F2GIC1000014 100/M/16V C1081 ECJIVFIE104Z 0.1/Z/25V C1082 F2GIC1000014 100/M/16V C1083 ECJIVFIE104Z 0.1/Z/25V C1084 F2GIC1000014 100/M/16V C1085 ECJIVFIE104Z 0.1/Z/25V C1086 ECJIVFIE104Z 0.1/Z/25V C1087 ECJIVFIE104Z 0.1/Z/25V C1088 ECJIVFIE104Z 0.1/Z/25V C1089 ECJIVFIE104Z 0.1/Z/25V C1090 ECJIVFIE104Z 0.1/Z/25V C1091 F2GIC1000014 100/M/16V C1092 F2GIC1000014 100/M/16V C1093 ECJIVFIE104Z 0.1/Z/25V C1094 ECJIVFIE104Z 0.1/Z/25V C1095 ECJIVFIE104Z 0.1/Z/25V C1096 ECJIVFIE104Z 0.1/Z/25V C1097 ECJIVFIE104Z 0.1/Z/25V C1098 ECJIVFIE104Z 0.1/Z/25V C1099 ECJIVFIE104Z 0.1/Z/25V C1090 ECJIVFIE104Z 0.1/Z/25V C1091 F2GIC1000014 100/M/16V C1092 ECJIVFIE104Z 0.1/Z/25V C1094 ECJIVFIE104Z 0.1/Z/25V C1095 ECJIVFIE104Z 0.1/Z/25V C1096 ECJIVFIE104Z 0.1/Z/25V C1097 ECJIVFIE104Z 0.1/Z/25V C1098 F2GIC1000014 100/M/16V C1099 ECJIVFIE104Z 0.1/Z/25V C1100 ECJIVFIE104Z 0.1/Z/25V C1101 F2GIC1000014 100/M/16V C102 ECJIVFIE104Z 0.1/Z/25V C1103 F2GIC1000014 100/M/16V C1104 ECJIVFIE104Z 0.1/Z/25V C1105 ECJIVFIE104Z 0.1/Z/25V C1106 ECJIVFIE104Z 0.1/Z/25V C1107 ECJIVFIE104Z 0.1/Z/25V C1108 ECJIVFIE104Z 0.1/Z/25V C1109 F2GIC1000014 100/M/16V C1104 ECJIVFIE104Z 0.1/Z/25V C1105 ECJIVFIE104Z 0.1/Z/25V C1106 ECJIVFIE104Z 0.1/Z/25V C1107 ECJIVFIE104Z 0.1/Z/25V C1108 ECJIVFIE104Z 0.1/Z/25V C1109 F2GIC1000014 100/M/16V	C1073	F2G1C1000014	100 / M / 16V
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C1102 ECJ1VF1E104Z 0.1 / Z / 25V C1103 F2G1C1000014 100 / M / 16V C1104 ECJ1VF1E104Z 0.1 / Z / 25V C1105 ECJ1VF1E104Z 0.1 / Z / 25V C1106 ECJ1VF1E104Z 0.1 / Z / 25V C1107 ECJ1VF1E104Z 0.1 / Z / 25V C1108 ECJ1VF1E104Z 0.1 / Z / 25V C1109 F2G1C1000014 100 / M / 16V C1110 ECJ1VF1E104Z 0.1 / Z / 25V	C1100	ECJ1VF1E104Z	0.1 / Z / 25V
C1103 F2G1C1000014 100 / M / 16V C1104 ECJ1VF1E104Z 0.1 / Z / 25V C1105 ECJ1VF1E104Z 0.1 / Z / 25V C1106 ECJ1VF1E104Z 0.1 / Z / 25V C1107 ECJ1VF1E104Z 0.1 / Z / 25V C1108 ECJ1VF1E104Z 0.1 / Z / 25V C1109 F2G1C1000014 100 / M / 16V C1110 ECJ1VF1E104Z 0.1 / Z / 25V	C1101	F2G1C1000014	100 / M / 16V
C1104 ECJ1VF1E104Z 0.1 / Z / 25V C1105 ECJ1VF1E104Z 0.1 / Z / 25V C1106 ECJ1VF1E104Z 0.1 / Z / 25V C1107 ECJ1VF1E104Z 0.1 / Z / 25V C1108 ECJ1VF1E104Z 0.1 / Z / 25V C1109 F2G1C1000014 100 / M / 16V C1110 ECJ1VF1E104Z 0.1 / Z / 25V	C1102	ECJ1VF1E104Z	0.1 / Z / 25V
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C1106 ECJ1VF1E104Z 0.1 / Z / 25V C1107 ECJ1VF1E104Z 0.1 / Z / 25V C1108 ECJ1VF1E104Z 0.1 / Z / 25V C1109 F2G1C1000014 100 / M / 16V C1110 ECJ1VF1E104Z 0.1 / Z / 25V	C1104	ECJ1VF1E104Z	0.1 / Z / 25V
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C1110 ECJ1VF1E104Z 0.1 / Z / 25V	C1108	ECJ1VF1E104Z	0.1 / Z / 25V
	C1109	F2G1C1000014	100 / M / 16V
C1111 ECJ1VF1E104Z 0.1 / Z / 25V	C1110	ECJ1VF1E104Z	0.1 / Z / 25V
	C1111	ECJ1VF1E104Z	0.1 / Z / 25V

C1112	ECJ1VF1E104Z	0.1 / Z / 25V
C1113	F2G1C1000014	100 / M / 16V
C1114	ECJ1VF1E104Z	0.1 / Z / 25V
C1115	ECJ1VF1E104Z	0.1 / Z / 25V
C1116	ECJ1VF1E104Z	0.1 / Z / 25V
C1117	ECJ1VF1E104Z	0.1 / Z / 25V
C1118	F2G1C1000014	100 / M / 16V
C1119	ECJ1VF1E104Z	0.1 / Z / 25V
C1120	F2G1C1000014	100 / M / 16V
C1121	ECJ1VF1E104Z	0.1 / Z / 25V
C1122	ECJ1VF1E104Z	0.1 / Z / 25V
C1123	ECJ1VF1E104Z	0.1 / Z / 25V
C1124	ECJ1VF1E104Z	0.1 / Z / 25V
C1125	F2G1C1000014	100 / M / 16V
C1126	ECJ1VF1E104Z	0.1 / Z / 25V
C1127	ECJ1VF1E104Z	0.1 / Z / 25V
C1128	ECJ1VF1E104Z	0.1 / Z / 25V
C1129	F2G1C1000014	100 / M / 16V
C1130	F2G1C1000014	100 / M / 16V
C1131	ECJ1VF1E104Z	0.1 / Z / 25V
C1132	ECUX1H102KBV	1000P / K / 50V
C1133	ECUX1H470JCV	47P / J / 50V
C1134	ECUX1H102KBV	1000P / K / 50V
C1135	ECJ1VF1E104Z	0.1 / Z / 25V
C1136	ECJ1VF1E104Z	0.1 / Z / 25V
C1137	ECJ1VF1E104Z	0.1 / Z / 25V
C1138	ECJ1VF1E104Z	0.1 / Z / 25V
C1139	ECJ1VF1E104Z	0.1 / Z / 25V
C1140	ECUX1H470JCV	47P / J / 50V
C1141	F2G0J4700012	47 / M / 6.3V
C1142	ECJ1VF1E104Z	0.1 / Z / 25V
C1143	ECJ1VF1E104Z	0.1 / Z / 25V
C1144	ECJ1VF1E104Z	0.1 / Z / 25V
C1145	ECJ1VF1E104Z	0.1 / Z / 25V
C1146	ECJ1VF1E104Z	0.1 / Z / 25V
C1147	ECJ1VF1E104Z	0.1 / Z / 25V
C1148	F2G0J4700012	47 / M / 6.3V
C1149	ECJ1VF1E104Z	0.1 / Z / 25V
C1150	ECJ1VF1E104Z	0.1 / Z / 25V
J	J	1

C1151	ECJ1VF1E104Z	0.1 / Z / 25V
C1152	ECJ1VF1E104Z	0.1 / Z / 25V
C1153	ECJ1VF1E104Z	0.1 / Z / 25V
C1154	ECJ1VF1E104Z	0.1 / Z / 25V
C1155	F2G1C1000014	100 / M / 16V
C1156	ECJ1VF1E104Z	0.1 / Z / 25V
C1157	ECJ1VF1E104Z	0.1 / Z / 25V
C1158	ECJ1VF1E104Z	0.1 / Z / 25V
C1159	ECJ1VF1E104Z	0.1 / Z / 25V
C1160	ECJ1VF1E104Z	0.1 / Z / 25V
C1161	ECJ1VF1E104Z	0.1 / Z / 25V
C1162	ECJ1VF1E104Z	0.1 / Z / 25V
C1163	ECJ1VF1E104Z	0.1 / Z / 25V
C1164	F2G1C1000014	100 / M / 16V
C1165	F2G1C1000014	100 / M / 16V
C1166	ECJ1VF1E104Z	0.1 / Z / 25V
C1167	F2G1C1000014	100 / M / 16V
C1168	ECJ1VF1E104Z	0.1 / Z / 25V
C1169	ECJ1VF1E104Z	0.1 / Z / 25V
C1170	ECJ1VF1E104Z	0.1 / Z / 25V
C1171	ECJ1VF1E104Z	0.1 / Z / 25V
C1172	ECJ1VF1E104Z	0.1 / Z / 25V
C1173	F2G1C1000014	100 / M / 16V
C1174	ECJ1VF1E104Z	0.1 / Z / 25V
C1175	F2G1C1000014	100 / M / 16V
C1176	ECJ1VF1E104Z	0.1 / Z / 25V
C1177	ECJ1VF1E104Z	0.1 / Z / 25V
C1178	ECJ1VF1E104Z	0.1 / Z / 25V
C1179	ECJ1VF1E104Z	0.1 / Z / 25V
C1180	ECJ1VF1E104Z	0.1 / Z / 25V
C1181	ECJ1VF1E104Z	0.1 / Z / 25V
C1182	F2G1C1000014	100 / M / 16V
C1183	ECJ1VF1E104Z	0.1 / Z / 25V
C1184	ECJ1VF1E104Z	0.1 / Z / 25V
C1185	F2G1C1000014	100 / M / 16V
C1186	ECJ1VF1E104Z	0.1 / Z / 25V
C1187	ECJ1VF1E104Z	0.1 / Z / 25V
C1188	F2G1C1000014	100 / M / 16V
C1189	ECJ1VF1E104Z	0.1 / Z / 25V
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C1190 ECJIVF1E104Z 0.1/Z/25V C1191 ECJIVF1E104Z 0.1/Z/25V C1192 ECJIVF1E104Z 0.1/Z/25V C1193 ECJIVF1E104Z 0.1/Z/25V C1194 F2G1C1000014 100/M/16V C1195 ECJIVF1E104Z 0.1/Z/25V C1196 ECJIVF1E104Z 0.1/Z/25V C1197 F2G1C1000014 100/M/16V C1198 ECJIVF1E104Z 0.1/Z/25V C1199 ECJIVF1E104Z 0.1/Z/25V C1200 ECJIVF1E104Z 0.1/Z/25V C1201 ECJIVF1E104Z 0.1/Z/25V C1202 F2G1C1000014 100/M/16V C1203 ECJIVF1E104Z 0.1/Z/25V C1204 F2GIC1000014 100/M/16V C1205 ECJIVF1E104Z 0.1/Z/25V C1206 ECJIVF1E104Z 0.1/Z/25V C1207 ECJIVF1E104Z 0.1/Z/25V C1208 ECJIVF1E104Z 0.1/Z/25V C1209 F2G1C1000014 100/M/16V C1209 F2G1C1000014 100/M/16V C1210 ECJIVF1E104Z 0.1/Z/25V C1209 F2G1C1000014 100/M/16V C1210 ECJIVF1E104Z 0.1/Z/25V C1211 ECJIVF1E104Z 0.1/Z/25V C1212 ECJIVF1E104Z 0.1/Z/25V C1213 F2G1C1000014 100/M/16V C1214 F2G1C1000014 100/M/16V C1215 ECJIVF1E104Z 0.1/Z/25V C1216 ECJIVF1E104Z 0.1/Z/25V C1217 ECJIVF1E104Z 0.1/Z/25V C1218 ECJIVF1E104Z 0.1/Z/25V C1219 ECJIVF1E104Z 0.1/Z/25V C1210 ECJIVF1E104Z 0.1/Z/25V C1211 ECJIVF1E104Z 0.1/Z/25V C1212 ECJIVF1E104Z 0.1/Z/25V C1213 F2G1C1000014 100/M/16V C1214 F2G1C1000014 100/M/16V C1215 ECJIVF1E104Z 0.1/Z/25V C1216 ECUXIH102KBV 1000P/K/50V C1217 ECUXIH470JCV 47P/J/50V C1218 ECUXIH102KBV 1000P/K/50V C1219 ECJIVF1E104Z 0.1/Z/25V C1220 ECJIVF1E104Z 0.1/Z/25V C1221 ECJIVF1E104Z 0.1/Z/25V C1222 ECJIVF1E104Z 0.1/Z/25V C1223 ECJIVF1E104Z 0.1/Z/25V C1224 ECJIVF1E104Z 0.1/Z/25V C1225 F2G0J4700012 47/M/6.3V C1226 ECJIVF1E104Z 0.1/Z/25V C1227 ECJIVF1E104Z 0.1/Z/25V C1228 ECJIVF1E104Z 0.1/Z/25V C1228 ECJIVF1E104Z 0.1/Z/25V C1228 ECJIVF1E104Z 0.1/Z/25V C1228 ECJIVF1E104Z 0.1/Z/25V		ĺ	
C1192 ECJIVF1E104Z 0.1/Z/25V C1193 ECJIVF1E104Z 0.1/Z/25V C1194 F2GIC1000014 100/M/16V C1195 ECJIVF1E104Z 0.1/Z/25V C1196 ECJIVF1E104Z 0.1/Z/25V C1197 F2GIC1000014 100/M/16V C1198 ECJIVF1E104Z 0.1/Z/25V C1199 ECJIVF1E104Z 0.1/Z/25V C1200 ECJIVF1E104Z 0.1/Z/25V C1201 ECJIVF1E104Z 0.1/Z/25V C1202 F2GIC1000014 100/M/16V C1203 ECJIVF1E104Z 0.1/Z/25V C1204 F2GIC1000014 100/M/16V C1205 ECJIVF1E104Z 0.1/Z/25V C1206 ECJIVF1E104Z 0.1/Z/25V C1207 ECJIVF1E104Z 0.1/Z/25V C1208 ECJIVF1E104Z 0.1/Z/25V C1209 F2GIC1000014 100/M/16V C1210 ECJIVF1E104Z 0.1/Z/25V C1209 F2GIC1000014 100/M/16V C1210 ECJIVF1E104Z 0.1/Z/25V C1210 ECJIVF1E104Z 0.1/Z/25V C1211 ECJIVF1E104Z 0.1/Z/25V C1212 ECJIVF1E104Z 0.1/Z/25V C1213 F2GIC1000014 100/M/16V C1214 F2GIC1000014 100/M/16V C1215 ECJIVF1E104Z 0.1/Z/25V C1216 ECUXIH102KBV 1000P/K/50V C1217 ECUXIH470JCV 47P/J/50V C1218 ECJIVF1E104Z 0.1/Z/25V C1220 ECJIVF1E104Z 0.1/Z/25V C1221 ECJIVF1E104Z 0.1/Z/25V C1222 ECJIVF1E104Z 0.1/Z/25V C1223 ECJIVF1E104Z 0.1/Z/25V C1224 ECJIVF1E104Z 0.1/Z/25V C1225 F2G0J4700012 47/M/6.3V C1226 ECJIVF1E104Z 0.1/Z/25V C1227 ECJIVF1E104Z 0.1/Z/25V C1228 ECJIVF1E104Z 0.1/Z/25V C1229 ECJIVF1E104Z 0.1/Z/25V C1221 ECJIVF1E104Z 0.1/Z/25V C1222 ECJIVF1E104Z 0.1/Z/25V C1223 ECJIVF1E104Z 0.1/Z/25V C1224 ECUXIH470JCV 47P/J/50V C1225 F2G0J4700012 47/M/6.3V C1226 ECJIVF1E104Z 0.1/Z/25V C1227 ECJIVF1E104Z 0.1/Z/25V	C1190	ECJ1VF1E104Z	0.1 / Z / 25V
C1193 ECJIVF1E104Z 0.1/Z/25V C1194 F2G1C1000014 100/M/16V C1195 ECJIVF1E104Z 0.1/Z/25V C1196 ECJIVF1E104Z 0.1/Z/25V C1197 F2G1C1000014 100/M/16V C1198 ECJIVF1E104Z 0.1/Z/25V C1199 ECJIVF1E104Z 0.1/Z/25V C1200 ECJIVF1E104Z 0.1/Z/25V C1201 ECJIVF1E104Z 0.1/Z/25V C1202 F2G1C1000014 100/M/16V C1203 ECJIVF1E104Z 0.1/Z/25V C1204 F2G1C1000014 100/M/16V C1205 ECJIVF1E104Z 0.1/Z/25V C1206 ECJIVF1E104Z 0.1/Z/25V C1207 ECJIVF1E104Z 0.1/Z/25V C1208 ECJIVF1E104Z 0.1/Z/25V C1209 F2G1C1000014 100/M/16V C1210 ECJIVF1E104Z 0.1/Z/25V C1211 ECJIVF1E104Z 0.1/Z/25V C1212 ECJIVF1E104Z 0.1/Z/25V C1212 ECJIVF1E104Z 0.1/Z/25V C1213 F2G1C1000014 100/M/16V C1214 F2G1C1000014 100/M/16V C1215 ECJIVF1E104Z 0.1/Z/25V C1216 ECUX1H102KBV 1000P/K/50V C1217 ECUX1H470JCV 47P/J/50V C1218 ECJIVF1E104Z 0.1/Z/25V C1220 ECJIVF1E104Z 0.1/Z/25V C1221 ECJIVF1E104Z 0.1/Z/25V C1222 ECJIVF1E104Z 0.1/Z/25V C1223 ECJIVF1E104Z 0.1/Z/25V C1224 ECUX1H470JCV 47P/J/50V C1225 F2G0J4700012 47/M/6.3V C1226 ECJIVF1E104Z 0.1/Z/25V C1227 ECJIVF1E104Z 0.1/Z/25V C1228 ECJIVF1E104Z 0.1/Z/25V C1229 ECJIVF1E104Z 0.1/Z/25V C1221 ECJIVF1E104Z 0.1/Z/25V C1222 ECJIVF1E104Z 0.1/Z/25V C1223 ECJIVF1E104Z 0.1/Z/25V C1224 ECUX1H470JCV 47P/J/50V C1225 F2G0J4700012 47/M/6.3V C1226 ECJIVF1E104Z 0.1/Z/25V	C1191	ECJ1VF1E104Z	0.1 / Z / 25V
C1194 F2GIC1000014 100 / M / 16V C1195 ECJIVF1E104Z 0.1 / Z / 25V C1196 ECJIVF1E104Z 0.1 / Z / 25V C1197 F2GIC1000014 100 / M / 16V C1198 ECJIVF1E104Z 0.1 / Z / 25V C1199 ECJIVF1E104Z 0.1 / Z / 25V C1200 ECJIVF1E104Z 0.1 / Z / 25V C1201 ECJIVF1E104Z 0.1 / Z / 25V C1202 F2GIC1000014 100 / M / 16V C1203 ECJIVF1E104Z 0.1 / Z / 25V C1204 F2GIC1000014 100 / M / 16V C1205 ECJIVF1E104Z 0.1 / Z / 25V C1206 ECJIVF1E104Z 0.1 / Z / 25V C1207 ECJIVF1E104Z 0.1 / Z / 25V C1208 ECJIVF1E104Z 0.1 / Z / 25V C1209 F2GIC1000014 100 / M / 16V C1210 ECJIVF1E104Z 0.1 / Z / 25V C1211 ECJIVF1E104Z 0.1 / Z / 25V C1212 ECJIVF1E104Z 0.1 / Z / 25V C1213 F2GIC1000014 100 / M / 16V C1214 F2GIC1000014 100 / M / 16V C1215 ECJIVF1E104Z 0.1 / Z / 25V C1216 ECUX1H102KBV 1000 / M / 16V C1217 ECUX1H470JCV 47P / J / 50V C1218 ECUX1H102KBV 1000 / K / 50V C1219 ECJIVF1E104Z 0.1 / Z / 25V C1220 ECJIVF1E104Z 0.1 / Z / 25V C1221 ECJIVF1E104Z 0.1 / Z / 25V C1222 ECJIVF1E104Z 0.1 / Z / 25V C1223 ECJIVF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJIVF1E104Z 0.1 / Z / 25V C1227 ECJIVF1E104Z 0.1 / Z / 25V C1228 ECJIVF1E104Z 0.1 / Z / 25V C1229 ECJIVF1E104Z 0.1 / Z / 25V C1220 ECJIVF1E104Z 0.1 / Z / 25V C1221 ECJIVF1E104Z 0.1 / Z / 25V C1222 ECJIVF1E104Z 0.1 / Z / 25V C1223 ECJIVF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJIVF1E104Z 0.1 / Z / 25V C1227 ECJIVF1E104Z 0.1 / Z / 25V	C1192	ECJ1VF1E104Z	0.1 / Z / 25V
C1195 ECJIVF1E104Z 0.1/Z/25V C1196 ECJIVF1E104Z 0.1/Z/25V C1197 F2GIC1000014 100/M/16V C1198 ECJIVF1E104Z 0.1/Z/25V C1199 ECJIVF1E104Z 0.1/Z/25V C1200 ECJIVF1E104Z 0.1/Z/25V C1201 ECJIVF1E104Z 0.1/Z/25V C1202 F2GIC1000014 100/M/16V C1203 ECJIVF1E104Z 0.1/Z/25V C1204 F2GIC1000014 100/M/16V C1205 ECJIVF1E104Z 0.1/Z/25V C1206 ECJIVF1E104Z 0.1/Z/25V C1207 ECJIVF1E104Z 0.1/Z/25V C1208 ECJIVF1E104Z 0.1/Z/25V C1209 F2GIC1000014 100/M/16V C1210 ECJIVF1E104Z 0.1/Z/25V C1210 ECJIVF1E104Z 0.1/Z/25V C1210 ECJIVF1E104Z 0.1/Z/25V C1211 ECJIVF1E104Z 0.1/Z/25V C1212 ECJIVF1E104Z 0.1/Z/25V C1213 F2GIC1000014 100/M/16V C1214 F2GIC1000014 100/M/16V C1215 ECJIVF1E104Z 0.1/Z/25V C1216 ECUXIH102KBV 1000P/K/50V C1217 ECUXIH470JCV 47P/J/50V C1218 ECUXIH102KBV 1000P/K/50V C1219 ECJIVF1E104Z 0.1/Z/25V C1220 ECJIVF1E104Z 0.1/Z/25V C1221 ECJIVF1E104Z 0.1/Z/25V C1222 ECJIVF1E104Z 0.1/Z/25V C1223 ECJIVF1E104Z 0.1/Z/25V C1224 ECUXIH470JCV 47P/J/50V C1225 F2G0J4700012 47/M/6.3V C1226 ECJIVF1E104Z 0.1/Z/25V C1227 ECJIVF1E104Z 0.1/Z/25V C1228 ECJIVF1E104Z 0.1/Z/25V C1229 ECJIVF1E104Z 0.1/Z/25V C1221 ECJIVF1E104Z 0.1/Z/25V C1222 ECJIVF1E104Z 0.1/Z/25V C1223 ECJIVF1E104Z 0.1/Z/25V C1224 ECUXIH470JCV 47P/J/50V C1225 F2G0J4700012 47/M/6.3V C1226 ECJIVF1E104Z 0.1/Z/25V	C1193	ECJ1VF1E104Z	0.1 / Z / 25V
C1196 ECJIVF1E104Z 0.1/Z/25V C1197 F2GIC1000014 100/M/16V C1198 ECJIVF1E104Z 0.1/Z/25V C1199 ECJIVF1E104Z 0.1/Z/25V C1200 ECJIVF1E104Z 0.1/Z/25V C1201 ECJIVF1E104Z 0.1/Z/25V C1202 F2GIC1000014 100/M/16V C1203 ECJIVF1E104Z 0.1/Z/25V C1204 F2GIC1000014 100/M/16V C1205 ECJIVF1E104Z 0.1/Z/25V C1206 ECJIVF1E104Z 0.1/Z/25V C1207 ECJIVF1E104Z 0.1/Z/25V C1208 ECJIVF1E104Z 0.1/Z/25V C1209 F2GIC1000014 100/M/16V C1210 ECJIVF1E104Z 0.1/Z/25V C1211 ECJIVF1E104Z 0.1/Z/25V C1212 ECJIVF1E104Z 0.1/Z/25V C1213 F2GIC1000014 100/M/16V C1214 F2GIC1000014 100/M/16V C1215 ECJIVF1E104Z 0.1/Z/25V C1216 ECUXIH102KBV 1000P/K/50V C1217 ECUXIH470JCV 47P/J/50V C1218 ECJIVF1E104Z 0.1/Z/25V C1220 ECJIVF1E104Z 0.1/Z/25V C1221 ECJIVF1E104Z 0.1/Z/25V C1222 ECJIVF1E104Z 0.1/Z/25V C1223 ECJIVF1E104Z 0.1/Z/25V C1224 ECJIVF1E104Z 0.1/Z/25V C1225 F2G0J4700012 47/M/6.3V C1226 ECJIVF1E104Z 0.1/Z/25V C1227 ECJIVF1E104Z 0.1/Z/25V C1228 ECJIVF1E104Z 0.1/Z/25V C1229 ECJIVF1E104Z 0.1/Z/25V C1221 ECJIVF1E104Z 0.1/Z/25V C1222 ECJIVF1E104Z 0.1/Z/25V C1223 ECJIVF1E104Z 0.1/Z/25V C1224 ECUX1H470JCV 47P/J/50V C1255 F2G0J4700012 47/M/6.3V C1226 ECJIVF1E104Z 0.1/Z/25V	C1194	F2G1C1000014	100 / M / 16V
C1197 F2G1C1000014 100 / M / 16V C1198 ECJIVF1E104Z 0.1 / Z / 25V C1199 ECJIVF1E104Z 0.1 / Z / 25V C1200 ECJIVF1E104Z 0.1 / Z / 25V C1201 ECJIVF1E104Z 0.1 / Z / 25V C1202 F2G1C1000014 100 / M / 16V C1203 ECJIVF1E104Z 0.1 / Z / 25V C1204 F2G1C1000014 100 / M / 16V C1205 ECJIVF1E104Z 0.1 / Z / 25V C1206 ECJIVF1E104Z 0.1 / Z / 25V C1207 ECJIVF1E104Z 0.1 / Z / 25V C1208 ECJIVF1E104Z 0.1 / Z / 25V C1209 F2G1C1000014 100 / M / 16V C1210 ECJIVF1E104Z 0.1 / Z / 25V C1211 ECJIVF1E104Z 0.1 / Z / 25V C1212 ECJIVF1E104Z 0.1 / Z / 25V C1213 F2G1C1000014 100 / M / 16V C1214 F2G1C1000014 100 / M / 16V C1215 ECJIVF1E104Z 0.1 / Z / 25V C1216 ECUXIH102KBV 1000 / M / 16V C1217 ECUXIH470JCV 47P / J / 50V C1218 ECUXIH102KBV 1000P / K / 50V C1219 ECJIVF1E104Z 0.1 / Z / 25V C1220 ECJIVF1E104Z 0.1 / Z / 25V C1221 ECJIVF1E104Z 0.1 / Z / 25V C1222 ECJIVF1E104Z 0.1 / Z / 25V C1223 ECJIVF1E104Z 0.1 / Z / 25V C1224 ECJIVF1E104Z 0.1 / Z / 25V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJIVF1E104Z 0.1 / Z / 25V C1227 ECJIVF1E104Z 0.1 / Z / 25V C1226 ECJIVF1E104Z 0.1 / Z / 25V C1227 ECJIVF1E104Z 0.1 / Z / 25V C1228 ECJIVF1E104Z 0.1 / Z / 25V C1229 ECJIVF1E104Z 0.1 / Z / 25V C1220 ECJIVF1E104Z 0.1 / Z / 25V C1221 ECJIVF1E104Z 0.1 / Z / 25V C1222 ECJIVF1E104Z 0.1 / Z / 25V C1223 ECJIVF1E104Z 0.1 / Z / 25V C1224 ECUXIH470JCV 47P / J / 50V C1255 F2G0J4700012 47 / M / 6.3V C1266 ECJIVF1E104Z 0.1 / Z / 25V	C1195	ECJ1VF1E104Z	0.1 / Z / 25V
C1198 ECJIVFIE104Z 0.1/Z/25V C1199 ECJIVFIE104Z 0.1/Z/25V C1200 ECJIVFIE104Z 0.1/Z/25V C1201 ECJIVFIE104Z 0.1/Z/25V C1202 F2GIC1000014 100/M/16V C1203 ECJIVFIE104Z 0.1/Z/25V C1204 F2GIC1000014 100/M/16V C1205 ECJIVFIE104Z 0.1/Z/25V C1206 ECJIVFIE104Z 0.1/Z/25V C1207 ECJIVFIE104Z 0.1/Z/25V C1208 ECJIVFIE104Z 0.1/Z/25V C1209 F2GIC1000014 100/M/16V C1210 ECJIVFIE104Z 0.1/Z/25V C1211 ECJIVFIE104Z 0.1/Z/25V C1212 ECJIVFIE104Z 0.1/Z/25V C1213 F2GIC1000014 100/M/16V C1214 F2GIC1000014 100/M/16V C1215 ECJIVFIE104Z 0.1/Z/25V C1216 ECUXIH102KBV 1000P/K/50V C1217 ECUXIH470JCV 47P/J/50V C1218 ECUXIH102KBV 1000P/K/50V C1219 ECJIVFIE104Z 0.1/Z/25V C1220 ECJIVFIE104Z 0.1/Z/25V C1221 ECJIVFIE104Z 0.1/Z/25V C1222 ECJIVFIE104Z 0.1/Z/25V C1223 ECJIVFIE104Z 0.1/Z/25V C1224 ECUXIH470JCV 47P/J/50V C1225 F2G0J4700012 47/M/6.3V C1226 ECJIVFIE104Z 0.1/Z/25V C1227 ECJIVFIE104Z 0.1/Z/25V C1226 ECJIVFIE104Z 0.1/Z/25V	C1196	ECJ1VF1E104Z	0.1 / Z / 25V
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C1200 ECJIVFIE104Z 0.1/Z/25V C1201 ECJIVFIE104Z 0.1/Z/25V C1202 F2G1C1000014 100/M/16V C1203 ECJIVFIE104Z 0.1/Z/25V C1204 F2G1C1000014 100/M/16V C1205 ECJIVFIE104Z 0.1/Z/25V C1206 ECJIVFIE104Z 0.1/Z/25V C1207 ECJIVFIE104Z 0.1/Z/25V C1208 ECJIVFIE104Z 0.1/Z/25V C1209 F2G1C1000014 100/M/16V C1210 ECJIVFIE104Z 0.1/Z/25V C1211 ECJIVFIE104Z 0.1/Z/25V C1212 ECJIVFIE104Z 0.1/Z/25V C1213 F2G1C1000014 100/M/16V C1214 F2G1C1000014 100/M/16V C1215 ECJIVFIE104Z 0.1/Z/25V C1216 ECUXIH102KBV 1000/M/16V C1217 ECUXIH470JCV 47P/J/50V C1218 ECUXIH102KBV 1000P/K/50V C1219 ECJIVFIE104Z 0.1/Z/25V C1220 ECJIVFIE104Z 0.1/Z/25V C1221 ECJIVFIE104Z 0.1/Z/25V C1222 ECJIVFIE104Z 0.1/Z/25V C1223 ECJIVFIE104Z 0.1/Z/25V C1224 ECUXIH470JCV 47P/J/50V C1225 F2G0J4700012 47/M/6.3V C1226 ECJIVFIE104Z 0.1/Z/25V C1226 ECJIVFIE104Z 0.1/Z/25V C1227 ECJIVFIE104Z 0.1/Z/25V	C1198	ECJ1VF1E104Z	0.1 / Z / 25V
C1201 ECJIVFIE104Z	C1199	ECJ1VF1E104Z	0.1 / Z / 25V
C1202 F2G1C1000014 100 / M / 16V C1203 ECJIVF1E104Z 0.1 / Z / 25V C1204 F2G1C1000014 100 / M / 16V C1205 ECJIVF1E104Z 0.1 / Z / 25V C1206 ECJIVF1E104Z 0.1 / Z / 25V C1207 ECJIVF1E104Z 0.1 / Z / 25V C1208 ECJIVF1E104Z 0.1 / Z / 25V C1209 F2G1C1000014 100 / M / 16V C1210 ECJIVF1E104Z 0.1 / Z / 25V C1211 ECJIVF1E104Z 0.1 / Z / 25V C1212 ECJIVF1E104Z 0.1 / Z / 25V C1213 F2G1C1000014 100 / M / 16V C1214 F2G1C1000014 100 / M / 16V C1215 ECJIVF1E104Z 0.1 / Z / 25V C1216 ECUXIH102KBV 1000 / K / 50V C1217 ECUXIH470JCV 47P / J / 50V C1218 ECUXIH102KBV 1000P / K / 50V C1219 ECJIVF1E104Z 0.1 / Z / 25V C1220 ECJIVF1E104Z 0.1 / Z / 25V C1221 ECJIVF1E104Z 0.1 / Z / 25V C1222 ECJIVF1E104Z 0.1 / Z / 25V C1223 ECJIVF1E104Z 0.1 / Z / 25V C1224 ECUXIH470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJIVF1E104Z 0.1 / Z / 25V C1226 ECJIVF1E104Z 0.1 / Z / 25V C1227 ECJIVF1E104Z 0.1 / Z / 25V	C1200	ECJ1VF1E104Z	0.1 / Z / 25V
C1203 ECJIVF1E104Z 0.1/Z/25V C1204 F2G1C1000014 100/M/16V C1205 ECJIVF1E104Z 0.1/Z/25V C1206 ECJIVF1E104Z 0.1/Z/25V C1207 ECJIVF1E104Z 0.1/Z/25V C1208 ECJIVF1E104Z 0.1/Z/25V C1209 F2G1C1000014 100/M/16V C1210 ECJIVF1E104Z 0.1/Z/25V C1211 ECJIVF1E104Z 0.1/Z/25V C1212 ECJIVF1E104Z 0.1/Z/25V C1213 F2G1C1000014 100/M/16V C1214 F2G1C1000014 100/M/16V C1215 ECJIVF1E104Z 0.1/Z/25V C1216 ECUXIH102KBV 1000P/K/50V C1217 ECUXIH470JCV 47P/J/50V C1218 ECJIVF1E104Z 0.1/Z/25V C1220 ECJIVF1E104Z 0.1/Z/25V C1221 ECJIVF1E104Z 0.1/Z/25V C1222 ECJIVF1E104Z 0.1/Z/25V C1223 ECJIVF1E104Z 0.1/Z/25V C1224 ECUXIH470JCV 47P/J/50V C1225 F2G0J4700012 47/M/6.3V C1226 ECJIVF1E104Z 0.1/Z/25V C1226 ECJIVF1E104Z 0.1/Z/25V C1227 ECJIVF1E104Z 0.1/Z/25V	C1201	ECJ1VF1E104Z	0.1 / Z / 25V
C1204 F2G1C1000014 100 / M / 16V C1205 ECJ1VF1E104Z 0.1 / Z / 25V C1206 ECJ1VF1E104Z 0.1 / Z / 25V C1207 ECJ1VF1E104Z 0.1 / Z / 25V C1208 ECJ1VF1E104Z 0.1 / Z / 25V C1209 F2G1C1000014 100 / M / 16V C1210 ECJ1VF1E104Z 0.1 / Z / 25V C1211 ECJ1VF1E104Z 0.1 / Z / 25V C1212 ECJ1VF1E104Z 0.1 / Z / 25V C1213 F2G1C1000014 100 / M / 16V C1214 F2G1C1000014 100 / M / 16V C1215 ECJ1VF1E104Z 0.1 / Z / 25V C1216 ECUX1H102KBV 1000P / K / 50V C1217 ECUX1H470JCV 47P / J / 50V C1218 ECJ1VF1E104Z 0.1 / Z / 25V C1220 ECJ1VF1E104Z 0.1 / Z / 25V C1221 ECJ1VF1E104Z 0.1 / Z / 25V C1222 ECJ1VF1E104Z 0.1 / Z / 25V C1223 ECJ1VF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1202	F2G1C1000014	100 / M / 16V
C1205 ECJIVF1E104Z 0.1 / Z / 25V C1206 ECJIVF1E104Z 0.1 / Z / 25V C1207 ECJIVF1E104Z 0.1 / Z / 25V C1208 ECJIVF1E104Z 0.1 / Z / 25V C1209 F2G1C1000014 100 / M / 16V C1210 ECJIVF1E104Z 0.1 / Z / 25V C1211 ECJIVF1E104Z 0.1 / Z / 25V C1212 ECJIVF1E104Z 0.1 / Z / 25V C1213 F2G1C1000014 100 / M / 16V C1214 F2G1C1000014 100 / M / 16V C1215 ECJIVF1E104Z 0.1 / Z / 25V C1216 ECUXIH102KBV 1000P / K / 50V C1217 ECUXIH470JCV 47P / J / 50V C1218 ECJIVF1E104Z 0.1 / Z / 25V C1220 ECJIVF1E104Z 0.1 / Z / 25V C1221 ECJIVF1E104Z 0.1 / Z / 25V C1222 ECJIVF1E104Z 0.1 / Z / 25V C1223 ECJIVF1E104Z 0.1 / Z / 25V C1224 ECUXIH470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJIVF1E104Z 0.1 / Z / 25V C1227 ECJIVF1E104Z 0.1 / Z / 25V	C1203	ECJ1VF1E104Z	0.1 / Z / 25V
C1206 ECJIVFIE104Z 0.1/Z/25V C1207 ECJIVFIE104Z 0.1/Z/25V C1208 ECJIVFIE104Z 0.1/Z/25V C1209 F2GIC1000014 100/M/16V C1210 ECJIVFIE104Z 0.1/Z/25V C1211 ECJIVFIE104Z 0.1/Z/25V C1212 ECJIVFIE104Z 0.1/Z/25V C1213 F2GIC1000014 100/M/16V C1214 F2GIC1000014 100/M/16V C1215 ECJIVFIE104Z 0.1/Z/25V C1216 ECUXIH102KBV 1000P/K/50V C1217 ECUXIH470JCV 47P/J/50V C1218 ECUXIH102KBV 1000P/K/50V C1219 ECJIVFIE104Z 0.1/Z/25V C1220 ECJIVFIE104Z 0.1/Z/25V C1221 ECJIVFIE104Z 0.1/Z/25V C1222 ECJIVFIE104Z 0.1/Z/25V C1223 ECJIVFIE104Z 0.1/Z/25V C1224 ECUXIH470JCV 47P/J/50V C1225 F2G0J4700012 47/M/6.3V C1226 ECJIVFIE104Z 0.1/Z/25V C1227 ECJIVFIE104Z 0.1/Z/25V C1226 ECJIVFIE104Z 0.1/Z/25V	C1204	F2G1C1000014	100 / M / 16V
C1207 ECJ1VF1E104Z 0.1/Z/25V C1208 ECJ1VF1E104Z 0.1/Z/25V C1209 F2G1C1000014 100/M/16V C1210 ECJ1VF1E104Z 0.1/Z/25V C1211 ECJ1VF1E104Z 0.1/Z/25V C1212 ECJ1VF1E104Z 0.1/Z/25V C1213 F2G1C1000014 100/M/16V C1214 F2G1C1000014 100/M/16V C1215 ECJ1VF1E104Z 0.1/Z/25V C1216 ECUX1H102KBV 1000P/K/50V C1217 ECUX1H470JCV 47P/J/50V C1218 ECUX1H102KBV 1000P/K/50V C1219 ECJ1VF1E104Z 0.1/Z/25V C1220 ECJ1VF1E104Z 0.1/Z/25V C1221 ECJ1VF1E104Z 0.1/Z/25V C1222 ECJ1VF1E104Z 0.1/Z/25V C1223 ECJ1VF1E104Z 0.1/Z/25V C1224 ECUX1H470JCV 47P/J/50V C1225 F2G0J4700012 47/M/6.3V C1226 ECJ1VF1E104Z 0.1/Z/25V C1227 ECJ1VF1E104Z 0.1/Z/25V C1226 ECJ1VF1E104Z 0.1/Z/25V	C1205	ECJ1VF1E104Z	0.1 / Z / 25V
C1208 ECJIVF1E104Z 0.1/Z/25V C1209 F2G1C1000014 100/M/16V C1210 ECJIVF1E104Z 0.1/Z/25V C1211 ECJIVF1E104Z 0.1/Z/25V C1212 ECJIVF1E104Z 0.1/Z/25V C1213 F2G1C1000014 100/M/16V C1214 F2G1C1000014 100/M/16V C1215 ECJIVF1E104Z 0.1/Z/25V C1216 ECUX1H102KBV 1000P/K/50V C1217 ECUX1H470JCV 47P/J/50V C1218 ECUX1H102KBV 1000P/K/50V C1219 ECJIVF1E104Z 0.1/Z/25V C1220 ECJIVF1E104Z 0.1/Z/25V C1221 ECJIVF1E104Z 0.1/Z/25V C1222 ECJIVF1E104Z 0.1/Z/25V C1223 ECJIVF1E104Z 0.1/Z/25V C1224 ECUX1H470JCV 47P/J/50V C1225 F2G0J4700012 47/M/6.3V C1226 ECJIVF1E104Z 0.1/Z/25V C1227 ECJIVF1E104Z 0.1/Z/25V	C1206	ECJ1VF1E104Z	0.1 / Z / 25V
C1209 F2G1C1000014 100 / M / 16V C1210 ECJ1VF1E104Z 0.1 / Z / 25V C1211 ECJ1VF1E104Z 0.1 / Z / 25V C1212 ECJ1VF1E104Z 0.1 / Z / 25V C1213 F2G1C1000014 100 / M / 16V C1214 F2G1C1000014 100 / M / 16V C1215 ECJ1VF1E104Z 0.1 / Z / 25V C1216 ECUX1H102KBV 1000P / K / 50V C1217 ECUX1H470JCV 47P / J / 50V C1218 ECUX1H102KBV 1000P / K / 50V C1219 ECJ1VF1E104Z 0.1 / Z / 25V C1220 ECJ1VF1E104Z 0.1 / Z / 25V C1221 ECJ1VF1E104Z 0.1 / Z / 25V C1222 ECJ1VF1E104Z 0.1 / Z / 25V C1223 ECJ1VF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1207	ECJ1VF1E104Z	0.1 / Z / 25V
C1210 ECJ1VF1E104Z 0.1 / Z / 25V C1211 ECJ1VF1E104Z 0.1 / Z / 25V C1212 ECJ1VF1E104Z 0.1 / Z / 25V C1213 F2G1C1000014 100 / M / 16V C1214 F2G1C1000014 100 / M / 16V C1215 ECJ1VF1E104Z 0.1 / Z / 25V C1216 ECUX1H102KBV 1000P / K / 50V C1217 ECUX1H470JCV 47P / J / 50V C1218 ECUX1H102KBV 1000P / K / 50V C1219 ECJ1VF1E104Z 0.1 / Z / 25V C1220 ECJ1VF1E104Z 0.1 / Z / 25V C1221 ECJ1VF1E104Z 0.1 / Z / 25V C1222 ECJ1VF1E104Z 0.1 / Z / 25V C1223 ECJ1VF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1208	ECJ1VF1E104Z	0.1 / Z / 25V
C1211 ECJ1VF1E104Z 0.1/Z/25V C1212 ECJ1VF1E104Z 0.1/Z/25V C1213 F2G1C1000014 100/M/16V C1214 F2G1C1000014 100/M/16V C1215 ECJ1VF1E104Z 0.1/Z/25V C1216 ECUX1H102KBV 1000P/K/50V C1217 ECUX1H470JCV 47P/J/50V C1218 ECUX1H102KBV 1000P/K/50V C1219 ECJ1VF1E104Z 0.1/Z/25V C1220 ECJ1VF1E104Z 0.1/Z/25V C1221 ECJ1VF1E104Z 0.1/Z/25V C1222 ECJ1VF1E104Z 0.1/Z/25V C1223 ECJ1VF1E104Z 0.1/Z/25V C1224 ECUX1H470JCV 47P/J/50V C1225 F2G0J4700012 47/M/6.3V C1226 ECJ1VF1E104Z 0.1/Z/25V C1227 ECJ1VF1E104Z 0.1/Z/25V	C1209	F2G1C1000014	100 / M / 16V
C1212 ECJ1VF1E104Z 0.1 / Z / 25V C1213 F2G1C1000014 100 / M / 16V C1214 F2G1C1000014 100 / M / 16V C1215 ECJ1VF1E104Z 0.1 / Z / 25V C1216 ECUX1H102KBV 1000P / K / 50V C1217 ECUX1H470JCV 47P / J / 50V C1218 ECUX1H102KBV 1000P / K / 50V C1219 ECJ1VF1E104Z 0.1 / Z / 25V C1220 ECJ1VF1E104Z 0.1 / Z / 25V C1221 ECJ1VF1E104Z 0.1 / Z / 25V C1222 ECJ1VF1E104Z 0.1 / Z / 25V C1223 ECJ1VF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1210	ECJ1VF1E104Z	0.1 / Z / 25V
C1213 F2G1C1000014 100 / M / 16V C1214 F2G1C1000014 100 / M / 16V C1215 ECJ1VF1E104Z 0.1 / Z / 25V C1216 ECUX1H102KBV 1000P / K / 50V C1217 ECUX1H470JCV 47P / J / 50V C1218 ECUX1H102KBV 1000P / K / 50V C1219 ECJ1VF1E104Z 0.1 / Z / 25V C1220 ECJ1VF1E104Z 0.1 / Z / 25V C1221 ECJ1VF1E104Z 0.1 / Z / 25V C1222 ECJ1VF1E104Z 0.1 / Z / 25V C1223 ECJ1VF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1211	ECJ1VF1E104Z	0.1 / Z / 25V
C1214 F2G1C1000014 100 / M / 16V C1215 ECJ1VF1E104Z 0.1 / Z / 25V C1216 ECUX1H102KBV 1000P / K / 50V C1217 ECUX1H470JCV 47P / J / 50V C1218 ECUX1H102KBV 1000P / K / 50V C1219 ECJ1VF1E104Z 0.1 / Z / 25V C1220 ECJ1VF1E104Z 0.1 / Z / 25V C1221 ECJ1VF1E104Z 0.1 / Z / 25V C1222 ECJ1VF1E104Z 0.1 / Z / 25V C1223 ECJ1VF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1212	ECJ1VF1E104Z	0.1 / Z / 25V
C1215 ECJ1VF1E104Z 0.1 / Z / 25V C1216 ECUX1H102KBV 1000P / K / 50V C1217 ECUX1H470JCV 47P / J / 50V C1218 ECUX1H102KBV 1000P / K / 50V C1219 ECJ1VF1E104Z 0.1 / Z / 25V C1220 ECJ1VF1E104Z 0.1 / Z / 25V C1221 ECJ1VF1E104Z 0.1 / Z / 25V C1222 ECJ1VF1E104Z 0.1 / Z / 25V C1223 ECJ1VF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1213	F2G1C1000014	100 / M / 16V
C1216 ECUX1H102KBV 1000P / K / 50V C1217 ECUX1H470JCV 47P / J / 50V C1218 ECUX1H102KBV 1000P / K / 50V C1219 ECJ1VF1E104Z 0.1 / Z / 25V C1220 ECJ1VF1E104Z 0.1 / Z / 25V C1221 ECJ1VF1E104Z 0.1 / Z / 25V C1222 ECJ1VF1E104Z 0.1 / Z / 25V C1223 ECJ1VF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1214	F2G1C1000014	100 / M / 16V
C1217 ECUX1H470JCV 47P / J / 50V C1218 ECUX1H102KBV 1000P / K / 50V C1219 ECJ1VF1E104Z 0.1 / Z / 25V C1220 ECJ1VF1E104Z 0.1 / Z / 25V C1221 ECJ1VF1E104Z 0.1 / Z / 25V C1222 ECJ1VF1E104Z 0.1 / Z / 25V C1223 ECJ1VF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1215	ECJ1VF1E104Z	0.1 / Z / 25V
C1218 ECUX1H102KBV 1000P / K / 50V C1219 ECJ1VF1E104Z 0.1 / Z / 25V C1220 ECJ1VF1E104Z 0.1 / Z / 25V C1221 ECJ1VF1E104Z 0.1 / Z / 25V C1222 ECJ1VF1E104Z 0.1 / Z / 25V C1223 ECJ1VF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1216	ECUX1H102KBV	1000P / K / 50V
C1219 ECJIVF1E104Z 0.1 / Z / 25V C1220 ECJIVF1E104Z 0.1 / Z / 25V C1221 ECJIVF1E104Z 0.1 / Z / 25V C1222 ECJIVF1E104Z 0.1 / Z / 25V C1223 ECJIVF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJIVF1E104Z 0.1 / Z / 25V C1227 ECJIVF1E104Z 0.1 / Z / 25V	C1217	ECUX1H470JCV	47P / J / 50V
C1220 ECJIVF1E104Z 0.1 / Z / 25V C1221 ECJIVF1E104Z 0.1 / Z / 25V C1222 ECJIVF1E104Z 0.1 / Z / 25V C1223 ECJIVF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJIVF1E104Z 0.1 / Z / 25V C1227 ECJIVF1E104Z 0.1 / Z / 25V	C1218	ECUX1H102KBV	1000P / K / 50V
C1221 ECJ1VF1E104Z 0.1 / Z / 25V C1222 ECJ1VF1E104Z 0.1 / Z / 25V C1223 ECJ1VF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1219	ECJ1VF1E104Z	0.1 / Z / 25V
C1222 ECJ1VF1E104Z 0.1 / Z / 25V C1223 ECJ1VF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1220	ECJ1VF1E104Z	0.1 / Z / 25V
C1223 ECJ1VF1E104Z 0.1 / Z / 25V C1224 ECUX1H470JCV 47P / J / 50V C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1221	ECJ1VF1E104Z	0.1 / Z / 25V
C1224 ECUX1H470JCV 47P/J/50V C1225 F2G0J4700012 47/M/6.3V C1226 ECJ1VF1E104Z 0.1/Z/25V C1227 ECJ1VF1E104Z 0.1/Z/25V	C1222	ECJ1VF1E104Z	0.1 / Z / 25V
C1225 F2G0J4700012 47 / M / 6.3V C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1223	ECJ1VF1E104Z	0.1 / Z / 25V
C1226 ECJ1VF1E104Z 0.1 / Z / 25V C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1224	ECUX1H470JCV	47P / J / 50V
C1227 ECJ1VF1E104Z 0.1 / Z / 25V	C1225	F2G0J4700012	47 / M / 6.3V
	C1226	ECJ1VF1E104Z	0.1 / Z / 25V
C1228 ECJ1VF1E104Z 0.1 / Z / 25V	C1227	ECJ1VF1E104Z	0.1 / Z / 25V
	C1228	ECJ1VF1E104Z	0.1 / Z / 25V

C1229 ECJIVFIE104Z 0.1/Z/25V C1230 ECJIVFIE104Z 0.1/Z/25V C1231 ECJIVFIE104Z 0.1/Z/25V C1232 F2G0J4700012 47/M/6.3V C1233 ECJIVFIE104Z 0.1/Z/25V C1234 ECJIVFIE104Z 0.1/Z/25V C1235 ECJIVFIE104Z 0.1/Z/25V C1236 ECUXIH102KBV 1000P/K/50V C1237 ECJIVFIE104Z 0.1/Z/25V C1238 ECUXIH102KBV 1000P/K/50V C1239 ECUXIH102KBV 1000P/K/50V C1239 ECUXIH102KBV 1000P/K/50V C1240 ECJIVFIE104Z 0.1/Z/25V C1241 ECJIVFIE104Z 0.1/Z/25V C1242 ECUXIH102KBV 1000P/K/50V C1243 ECJIVFIE104Z 0.1/Z/25V C1244 ECJIVFIE104Z 0.1/Z/25V C1245 ECJIVFIE104Z 0.1/Z/25V C1246 ECJIVFIE104Z 0.1/Z/25V C1247 ECJIVFIE104Z 0.1/Z/25V C1256 ECJIVFIE104Z 0.1/Z/25V C1258 ECJIVFIE104Z 0.1/Z/25V C1259 F2GIC1000014 100/M/16V C1260 ECJIVFIE104Z 0.1/Z/25V C1262 ECJIVFIE104Z 0.1/Z/25V C1263 F2GIC1000014 100/M/16V C1264 ECJIVFIE104Z 0.1/Z/25V C1265 ECJIVFIE104Z 0.1/Z/25V C1266 ECJIVFIE104Z 0.1/Z/25V C1267 ECJIVFIE104Z 0.1/Z/25V C1268 ECJIVFIE104Z 0.1/Z/25V C1269 ECJIVFIE104Z 0.1/Z/25V C1260 ECJIVFIE104Z 0.1/Z/25V C1261 ECJIVFIE104Z 0.1/Z/25V C1262 ECJIVFIE104Z 0.1/Z/25V C1263 F2GIC1000014 100/M/16V C1264 ECJIVFIE104Z 0.1/Z/25V C1265 ECJIVFIE104Z 0.1/Z/25V C1267 ECUXIH470JCV 47P/J/50V C1270 ECUXIH470JCV 47P/J/50V C1271 ECJIVFIE104Z 0.1/Z/25V C1272 ECUXIH102KBV 1000P/K/50V C1273 ECJIVFIE104Z 0.1/Z/25V C1274 ECJIVFIE104Z 0.1/Z/25V C1275 ECJIVFIE104Z 0.1/Z/25V C1276 ECUXIH102KBV 1000P/K/50V C1277 ECJIVFIE104Z 0.1/Z/25V C1278 F2G0J4700012 47/M/6.3V C1279 ECJIVFIE104Z 0.1/Z/25V C1280 ECJIVFIE104Z 0.1/Z/25V C1281 ECUXIH102KBV 1000P/K/50V			
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C1239 ECUXIH102KBV 1000P/K/50V C1240 ECJIVF1E104Z 0.1/Z/25V C1241 ECJIVF1E104Z 0.1/Z/25V C1242 ECUXIH102KBV 1000P/K/50V C1243 ECJIVF1E104Z 0.1/Z/25V C1244 ECUXIH102KBV 1000P/K/50V C1245 ECJIVF1E104Z 0.1/Z/25V C1246 ECUXIH102KBV 1000P/K/50V C1247 ECJIVF1E104Z 0.1/Z/25V C1256 ECJIVF1E104Z 0.1/Z/25V C1258 ECJIVF1E104Z 0.1/Z/25V C1259 F2G1C1000014 100/M/16V C1260 ECJIVF1E104Z 0.1/Z/25V C1262 ECJIVF1E104Z 0.1/Z/25V C1263 F2G1C1000014 100/M/16V C1264 ECJIVF1E104Z 0.1/Z/25V C1265 ECJIVF1E104Z 0.1/Z/25V C1266 ECJIVF1E104Z 0.1/Z/25V C1267 ECUXIH470JCV 47P/J/50V C1270 ECUXIH470JCV 47P/J/50V C1271 ECUXIH102KBV 1000P/K/50V C1272 ECUXIH102KBV 1000P/K/50V C1273 ECJIVF1E104Z 0.1/Z/25V C1276 ECUXIH102KBV 1000P/K/50V C1277 ECJIVF1E104Z 0.1/Z/25V C1278 F2G0J4700012 47/M/6.3V C1279 ECJIVF1E104Z 0.1/Z/25V C1280 ECJIVF1E104Z 0.1/Z/25V C1280 ECJIVF1E104Z 0.1/Z/25V	C1237	ECJ1VF1E104Z	0.1 / Z / 25V
C1240 ECJIVFIE104Z 0.1/Z/25V C1241 ECJIVFIE104Z 0.1/Z/25V C1242 ECUXIH102KBV 1000P/K/50V C1243 ECJIVFIE104Z 0.1/Z/25V C1244 ECUXIH102KBV 1000P/K/50V C1245 ECJIVFIE104Z 0.1/Z/25V C1246 ECUXIH102KBV 1000P/K/50V C1247 ECJIVFIE104Z 0.1/Z/25V C1256 ECJIVFIE104Z 0.1/Z/25V C1258 ECJIVFIE104Z 0.1/Z/25V C1259 F2GIC1000014 100/M/16V C1260 ECJIVFIE104Z 0.1/Z/25V C1262 ECJIVFIE104Z 0.1/Z/25V C1263 F2GIC1000014 100/M/16V C1264 ECJIVFIE104Z 0.1/Z/25V C1265 ECJIVFIE104Z 0.1/Z/25V C1267 ECUXIH470JCV 47P/J/50V C1270 ECUXIH470JCV 47P/J/50V C1271 ECJIVFIE104Z 0.1/Z/25V C1272 ECUXIH102KBV 1000P/K/50V C1273 ECJIVFIE104Z 0.1/Z/25V C1275 ECJIVFIE104Z 0.1/Z/25V C1276 ECUXIH102KBV 1000P/K/50V C1277 ECJIVFIE104Z 0.1/Z/25V C1278 F2G0J4700012 47/M/6.3V C1279 ECJIVFIE104Z 0.1/Z/25V C1280 ECJIVFIE104Z 0.1/Z/25V C1281 ECUXIH102KBV 1000P/K/50V	C1238	ECUX1H102KBV	1000P / K / 50V
C1241 ECJIVFIE104Z 0.1/Z/25V C1242 ECUXIH102KBV 1000P/K/50V C1243 ECJIVFIE104Z 0.1/Z/25V C1244 ECUXIH102KBV 1000P/K/50V C1245 ECJIVFIE104Z 0.1/Z/25V C1246 ECUXIH102KBV 1000P/K/50V C1247 ECJIVFIE104Z 0.1/Z/25V C1256 ECJIVFIE104Z 0.1/Z/25V C1258 ECJIVFIE104Z 0.1/Z/25V C1259 F2G1C1000014 100/M/16V C1260 ECJIVFIE104Z 0.1/Z/25V C1262 ECJIVFIE104Z 0.1/Z/25V C1263 F2G1C1000014 100/M/16V C1264 ECJIVFIE104Z 0.1/Z/25V C1265 ECJIVFIE104Z 0.1/Z/25V C1267 ECUXIH470JCV 47P/J/50V C1270 ECUXIH470JCV 47P/J/50V C1271 ECUXIH102KBV 1000P/K/50V C1272 ECUXIH102KBV 1000P/K/50V C1273 ECJIVFIE104Z 0.1/Z/25V C1275 ECJIVFIE104Z 0.1/Z/25V C1276 ECUXIH102KBV 1000P/K/50V C1277 ECJIVFIE104Z 0.1/Z/25V C1278 F2G0J4700012 47/M/6.3V C1279 ECJIVFIE104Z 0.1/Z/25V C1280 ECJIVFIE104Z 0.1/Z/25V C1281 ECUXIH102KBV 1000P/K/50V	C1239	ECUX1H102KBV	1000P / K / 50V
C1242 ECUXIHI02KBV 1000P/K/50V C1243 ECJIVF1E104Z 0.1/Z/25V C1244 ECUXIHI02KBV 1000P/K/50V C1245 ECJIVF1E104Z 0.1/Z/25V C1246 ECUXIHI02KBV 1000P/K/50V C1247 ECJIVF1E104Z 0.1/Z/25V C1256 ECJIVF1E104Z 0.1/Z/25V C1258 ECJIVF1E104Z 0.1/Z/25V C1259 F2G1C1000014 100/M/16V C1260 ECJIVF1E104Z 0.1/Z/25V C1262 ECJIVF1E104Z 0.1/Z/25V C1263 F2G1C1000014 100/M/16V C1264 ECJIVF1E104Z 0.1/Z/25V C1265 ECJIVF1E104Z 0.1/Z/25V C1267 ECUXIH470JCV 47P/J/50V C1270 ECUXIH470JCV 47P/J/50V C1272 ECUXIH102KBV 1000P/K/50V C1273 ECJIVF1E104Z 0.1/Z/25V C1275 ECJIVF1E104Z 0.1/Z/25V C1276 ECUXIH102KBV 1000P/K/50V C1277 ECJIVF1E104Z 0.1/Z/25V C1278 F2G0J4700012 47/M/6.3V C1279 ECJIVF1E104Z 0.1/Z/25V C1280 ECJIVF1E104Z 0.1/Z/25V C1280 ECJIVF1E104Z 0.1/Z/25V C1281 ECUXIH102KBV 1000P/K/50V	C1240	ECJ1VF1E104Z	0.1 / Z / 25V
C1243 ECJIVFIE104Z 0.1/Z/25V C1244 ECUXIH102KBV 1000P/K/50V C1245 ECJIVFIE104Z 0.1/Z/25V C1246 ECUXIH102KBV 1000P/K/50V C1247 ECJIVFIE104Z 0.1/Z/25V C1256 ECJIVFIE104Z 0.1/Z/25V C1258 ECJIVFIE104Z 0.1/Z/25V C1259 F2G1C1000014 100/M/16V C1260 ECJIVFIE104Z 0.1/Z/25V C1262 ECJIVFIE104Z 0.1/Z/25V C1263 F2G1C1000014 100/M/16V C1264 ECJIVFIE104Z 0.1/Z/25V C1265 ECJIVFIE104Z 0.1/Z/25V C1267 ECUXIH470JCV 47P/J/50V C1270 ECUXIH470JCV 47P/J/50V C1272 ECUXIH102KBV 1000P/K/50V C1275 ECJIVFIE104Z 0.1/Z/25V C1276 ECUXIH102KBV 1000P/K/50V C1277 ECJIVFIE104Z 0.1/Z/25V C1278 F2G0J4700012 47/M/6.3V C1279 ECJIVFIE104Z 0.1/Z/25V C1280 ECJIVFIE104Z 0.1/Z/25V C1281 ECUXIH102KBV 1000P/K/50V	C1241	ECJ1VF1E104Z	0.1 / Z / 25V
C1244 ECUXIHI02KBV 1000P/K/50V C1245 ECJIVF1E104Z 0.1/Z/25V C1246 ECUXIHI02KBV 1000P/K/50V C1247 ECJIVF1E104Z 0.1/Z/25V C1256 ECJIVF1E104Z 0.1/Z/25V C1258 ECJIVF1E104Z 0.1/Z/25V C1259 F2G1C1000014 100/M/16V C1260 ECJIVF1E104Z 0.1/Z/25V C1262 ECJIVF1E104Z 0.1/Z/25V C1263 F2G1C1000014 100/M/16V C1264 ECJIVF1E104Z 0.1/Z/25V C1265 ECJIVF1E104Z 0.1/Z/25V C1267 ECUXIH470JCV 47P/J/50V C1270 ECUXIH470JCV 47P/J/50V C1272 ECUXIH102KBV 1000P/K/50V C1273 ECJIVF1E104Z 0.1/Z/25V C1276 ECUXIH102KBV 1000P/K/50V C1277 ECJIVF1E104Z 0.1/Z/25V C1278 F2G0J4700012 47/M/6.3V C1279 ECJIVF1E104Z 0.1/Z/25V C1280 ECJIVF1E104Z 0.1/Z/25V C1281 ECUXIH102KBV 1000P/K/50V	C1242	ECUX1H102KBV	1000P / K / 50V
C1245 ECJIVFIE104Z 0.1 / Z / 25V C1246 ECUX1H102KBV 1000P / K / 50V C1247 ECJIVFIE104Z 0.1 / Z / 25V C1256 ECJIVFIE104Z 0.1 / Z / 25V C1258 ECJIVFIE104Z 0.1 / Z / 25V C1259 F2GIC1000014 100 / M / 16V C1260 ECJIVFIE104Z 0.1 / Z / 25V C1262 ECJIVFIE104Z 0.1 / Z / 25V C1263 F2GIC1000014 100 / M / 16V C1264 ECJIVFIE104Z 0.1 / Z / 25V C1265 ECJIVFIE104Z 0.1 / Z / 25V C1267 ECUX1H470JCV 47P / J / 50V C1270 ECUX1H470JCV 47P / J / 50V C1271 ECJIVFIE104Z 0.1 / Z / 25V C1272 ECUX1H102KBV 1000P / K / 50V C1273 ECJIVFIE104Z 0.1 / Z / 25V C1275 ECJIVFIE104Z 0.1 / Z / 25V C1276 ECUX1H102KBV 1000P / K / 50V C1277 ECJIVFIE104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJIVFIE104Z 0.1 / Z / 25V C1280 ECJIVFIE104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1243	ECJ1VF1E104Z	0.1 / Z / 25V
C1246 ECUX1H102KBV 1000P / K / 50V C1247 ECJ1VF1E104Z 0.1 / Z / 25V C1256 ECJ1VF1E104Z 0.1 / Z / 25V C1258 ECJ1VF1E104Z 0.1 / Z / 25V C1259 F2G1C1000014 100 / M / 16V C1260 ECJ1VF1E104Z 0.1 / Z / 25V C1262 ECJ1VF1E104Z 0.1 / Z / 25V C1263 F2G1C1000014 100 / M / 16V C1264 ECJ1VF1E104Z 0.1 / Z / 25V C1265 ECJ1VF1E104Z 0.1 / Z / 25V C1267 ECUX1H470JCV 47P / J / 50V C1270 ECUX1H470JCV 47P / J / 50V C1271 ECJ1VF1E104Z 0.1 / Z / 25V C1272 ECUX1H102KBV 1000P / K / 50V C1273 ECJ1VF1E104Z 0.1 / Z / 25V C1274 ECUX1H102KBV 1000P / K / 50V C1275 ECJ1VF1E104Z 0.1 / Z / 25V C1276 ECUX1H102KBV 1000P / K / 50V C1277 ECJ1VF1E104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1244	ECUX1H102KBV	1000P / K / 50V
C1247 ECJIVF1E104Z 0.1/Z/25V C1256 ECJIVF1E104Z 0.1/Z/25V C1258 ECJIVF1E104Z 0.1/Z/25V C1259 F2GIC1000014 100/M/16V C1260 ECJIVF1E104Z 0.1/Z/25V C1262 ECJIVF1E104Z 0.1/Z/25V C1263 F2GIC1000014 100/M/16V C1264 ECJIVF1E104Z 0.1/Z/25V C1265 ECJIVF1E104Z 0.1/Z/25V C1267 ECUX1H470JCV 47P/J/50V C1270 ECUX1H470JCV 47P/J/50V C1272 ECUX1H102KBV 1000P/K/50V C1273 ECJIVF1E104Z 0.1/Z/25V C1275 ECJIVF1E104Z 0.1/Z/25V C1276 ECUX1H102KBV 1000P/K/50V C1277 ECJIVF1E104Z 0.1/Z/25V C1278 F2G0J4700012 47/M/6.3V C1280 ECJIVF1E104Z 0.1/Z/25V C1281 ECUX1H102KBV 1000P/K/50V	C1245	ECJ1VF1E104Z	0.1 / Z / 25V
C1256 ECJ1VF1E104Z 0.1/Z/25V C1258 ECJ1VF1E104Z 0.1/Z/25V C1259 F2G1C1000014 100/M/16V C1260 ECJ1VF1E104Z 0.1/Z/25V C1262 ECJ1VF1E104Z 0.1/Z/25V C1263 F2G1C1000014 100/M/16V C1264 ECJ1VF1E104Z 0.1/Z/25V C1265 ECJ1VF1E104Z 0.1/Z/25V C1267 ECUX1H470JCV 47P/J/50V C1270 ECUX1H470JCV 47P/J/50V C1272 ECUX1H102KBV 1000P/K/50V C1273 ECJ1VF1E104Z 0.1/Z/25V C1275 ECJ1VF1E104Z 0.1/Z/25V C1276 ECUX1H102KBV 1000P/K/50V C1277 ECJ1VF1E104Z 0.1/Z/25V C1278 F2G0J4700012 47/M/6.3V C1279 ECJ1VF1E104Z 0.1/Z/25V C1280 ECJ1VF1E104Z 0.1/Z/25V C1281 ECUX1H102KBV 1000P/K/50V	C1246	ECUX1H102KBV	1000P / K / 50V
C1258 ECJIVF1E104Z 0.1/Z/25V C1269 F2G1C1000014 100/M/16V C1260 ECJIVF1E104Z 0.1/Z/25V C1262 ECJIVF1E104Z 0.1/Z/25V C1263 F2G1C1000014 100/M/16V C1264 ECJIVF1E104Z 0.1/Z/25V C1265 ECJIVF1E104Z 0.1/Z/25V C1267 ECUX1H470JCV 47P/J/50V C1270 ECUX1H470JCV 47P/J/50V C1271 ECJIVF1E104Z 0.1/Z/25V C1272 ECUX1H102KBV 1000P/K/50V C1273 ECJIVF1E104Z 0.1/Z/25V C1274 ECUX1H102KBV 1000P/K/50V C1275 ECJIVF1E104Z 0.1/Z/25V C1276 ECUX1H102KBV 1000P/K/50V C1277 ECJIVF1E104Z 0.1/Z/25V C1278 F2G0J4700012 47/M/6.3V C1279 ECJIVF1E104Z 0.1/Z/25V C1280 ECJIVF1E104Z 0.1/Z/25V C1281 ECUX1H102KBV 1000P/K/50V	C1247	ECJ1VF1E104Z	0.1 / Z / 25V
C1259 F2G1C1000014 100 / M / 16V C1260 ECJ1VF1E104Z 0.1 / Z / 25V C1262 ECJ1VF1E104Z 0.1 / Z / 25V C1263 F2G1C1000014 100 / M / 16V C1264 ECJ1VF1E104Z 0.1 / Z / 25V C1265 ECJ1VF1E104Z 0.1 / Z / 25V C1267 ECUX1H470JCV 47P / J / 50V C1270 ECUX1H470JCV 47P / J / 50V C1272 ECUX1H102KBV 1000P / K / 50V C1273 ECJ1VF1E104Z 0.1 / Z / 25V C1275 ECJ1VF1E104Z 0.1 / Z / 25V C1276 ECUX1H102KBV 1000P / K / 50V C1277 ECJ1VF1E104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1256	ECJ1VF1E104Z	0.1 / Z / 25V
C1260 ECJ1VF1E104Z 0.1 / Z / 25V C1262 ECJ1VF1E104Z 0.1 / Z / 25V C1263 F2G1C1000014 100 / M / 16V C1264 ECJ1VF1E104Z 0.1 / Z / 25V C1265 ECJ1VF1E104Z 0.1 / Z / 25V C1267 ECUX1H470JCV 47P / J / 50V C1270 ECUX1H470JCV 47P / J / 50V C1272 ECUX1H102KBV 1000P / K / 50V C1273 ECJ1VF1E104Z 0.1 / Z / 25V C1275 ECJ1VF1E104Z 0.1 / Z / 25V C1276 ECUX1H102KBV 1000P / K / 50V C1277 ECJ1VF1E104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1258	ECJ1VF1E104Z	0.1 / Z / 25V
C1262 ECJ1VF1E104Z 0.1/Z/25V C1263 F2G1C1000014 100/M/16V C1264 ECJ1VF1E104Z 0.1/Z/25V C1265 ECJ1VF1E104Z 0.1/Z/25V C1267 ECUX1H470JCV 47P/J/50V C1270 ECUX1H470JCV 47P/J/50V C1272 ECUX1H102KBV 1000P/K/50V C1273 ECJ1VF1E104Z 0.1/Z/25V C1275 ECJ1VF1E104Z 0.1/Z/25V C1276 ECUX1H102KBV 1000P/K/50V C1277 ECJ1VF1E104Z 0.1/Z/25V C1278 F2G0J4700012 47/M/6.3V C1279 ECJ1VF1E104Z 0.1/Z/25V C1280 ECJ1VF1E104Z 0.1/Z/25V C1281 ECUX1H102KBV 1000P/K/50V	C1259	F2G1C1000014	100 / M / 16V
C1263 F2G1C1000014 100 / M / 16V C1264 ECJ1VF1E104Z 0.1 / Z / 25V C1265 ECJ1VF1E104Z 0.1 / Z / 25V C1267 ECUX1H470JCV 47P / J / 50V C1270 ECUX1H470JCV 47P / J / 50V C1272 ECUX1H102KBV 1000P / K / 50V C1273 ECJ1VF1E104Z 0.1 / Z / 25V C1275 ECJ1VF1E104Z 0.1 / Z / 25V C1276 ECUX1H102KBV 1000P / K / 50V C1277 ECJ1VF1E104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1260	ECJ1VF1E104Z	0.1 / Z / 25V
C1264 ECJ1VF1E104Z 0.1 / Z / 25V C1265 ECJ1VF1E104Z 0.1 / Z / 25V C1267 ECUX1H470JCV 47P / J / 50V C1270 ECUX1H470JCV 47P / J / 50V C1272 ECUX1H102KBV 1000P / K / 50V C1273 ECJ1VF1E104Z 0.1 / Z / 25V C1275 ECJ1VF1E104Z 0.1 / Z / 25V C1276 ECUX1H102KBV 1000P / K / 50V C1277 ECJ1VF1E104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1262	ECJ1VF1E104Z	0.1 / Z / 25V
C1265 ECJ1VF1E104Z 0.1 / Z / 25V C1267 ECUX1H470JCV 47P / J / 50V C1270 ECUX1H470JCV 47P / J / 50V C1272 ECUX1H102KBV 1000P / K / 50V C1273 ECJ1VF1E104Z 0.1 / Z / 25V C1275 ECJ1VF1E104Z 0.1 / Z / 25V C1276 ECUX1H102KBV 1000P / K / 50V C1277 ECJ1VF1E104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1263	F2G1C1000014	100 / M / 16V
C1267 ECUX1H470JCV 47P / J / 50V C1270 ECUX1H470JCV 47P / J / 50V C1272 ECUX1H102KBV 1000P / K / 50V C1273 ECJ1VF1E104Z 0.1 / Z / 25V C1275 ECJ1VF1E104Z 0.1 / Z / 25V C1276 ECUX1H102KBV 1000P / K / 50V C1277 ECJ1VF1E104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1264	ECJ1VF1E104Z	0.1 / Z / 25V
C1270 ECUX1H470JCV 47P / J / 50V C1272 ECUX1H102KBV 1000P / K / 50V C1273 ECJ1VF1E104Z 0.1 / Z / 25V C1275 ECJ1VF1E104Z 0.1 / Z / 25V C1276 ECUX1H102KBV 1000P / K / 50V C1277 ECJ1VF1E104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1265	ECJ1VF1E104Z	0.1 / Z / 25V
C1272 ECUX1H102KBV 1000P / K / 50V C1273 ECJ1VF1E104Z 0.1 / Z / 25V C1275 ECJ1VF1E104Z 0.1 / Z / 25V C1276 ECUX1H102KBV 1000P / K / 50V C1277 ECJ1VF1E104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1267	ECUX1H470JCV	47P / J / 50V
C1273 ECJ1VF1E104Z 0.1 / Z / 25V C1275 ECJ1VF1E104Z 0.1 / Z / 25V C1276 ECUX1H102KBV 1000P / K / 50V C1277 ECJ1VF1E104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1270	ECUX1H470JCV	47P / J / 50V
C1275 ECJ1VF1E104Z 0.1 / Z / 25V C1276 ECUX1H102KBV 1000P / K / 50V C1277 ECJ1VF1E104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1272	ECUX1H102KBV	1000P / K / 50V
C1276 ECUX1H102KBV 1000P / K / 50V C1277 ECJ1VF1E104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1273	ECJ1VF1E104Z	0.1 / Z / 25V
C1277 ECJ1VF1E104Z 0.1 / Z / 25V C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1275	ECJ1VF1E104Z	0.1 / Z / 25V
C1278 F2G0J4700012 47 / M / 6.3V C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1276	ECUX1H102KBV	1000P / K / 50V
C1279 ECJ1VF1E104Z 0.1 / Z / 25V C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1277	ECJ1VF1E104Z	0.1 / Z / 25V
C1280 ECJ1VF1E104Z 0.1 / Z / 25V C1281 ECUX1H102KBV 1000P / K / 50V	C1278	F2G0J4700012	47 / M / 6.3V
C1281 ECUX1H102KBV 1000P / K / 50V	C1279	ECJ1VF1E104Z	0.1 / Z / 25V
	C1280	ECJ1VF1E104Z	0.1 / Z / 25V
	C1281	ECUX1H102KBV	1000P / K / 50V
C1282 ECUX1H102KBV 1000P / K / 50V	C1282	ECUX1H102KBV	1000P / K / 50V

C1283 ECJIVF1E104Z 0.1 / Z / 25V C1284 ECUX1H102KBV 1000P / K / 50V C1285 ECJIVF1E104Z 0.1 / Z / 25V C1286 ECUX1H102KBV 1000P / K / 50V C1287 ECJIVF1E104Z 0.1 / Z / 25V C1288 ECJIVF1E104Z 0.1 / Z / 25V C1289 ECUX1H102KBV 1000P / K / 50V C1290 ECJIVF1E104Z 0.1 / Z / 25V C1291 ECUX1H102KBV 1000P / K / 50V C1292 ECUX1H102KBV 1000P / K / 50V C1293 ECUX1H102KBV 1000P / K / 50V C1294 ECJIVF1E104Z 0.1 / Z / 25V C1295 ECUX1H102KBV 1000P / K / 50V C1296 ECJIVF1E104Z 0.1 / Z / 25V C1297 ECUX1H102KBV 1000P / K / 50V C1298 ECJIVF1E104Z 0.1 / Z / 25V C1299 ECJIVF1E104Z 0.1 / Z / 25V C1300 ECJIVF1E104Z 0.1 / Z / 25V C1301 ECJIVF1E104Z 0.1 / Z / 25V C1302 ECUX1H102KBV 1000P / K / 50V C1303 ECUX1H102KBV 1000P / K / 50V C1304 ECJIVF1E104Z 0.1 / Z / 25V C1305 ECJIVF1E104Z 0.1 / Z / 25V C1306 ECUX1H102KBV 1000P / K / 50V C1307 ECJIVF1E104Z 0.1 / Z / 25V C1308 ECJIVF1E104Z 0.1 / Z / 25V C1309 ECJIVF1E104Z 0.1 / Z / 25V C1300 ECJIVF1E104Z 0.1 / Z / 25V C1301 ECJIVF1E104Z 0.1 / Z / 25V C1302 ECUX1H102KBV 1000P / K / 50V C1303 ECJIVF1E104Z 0.1 / Z / 25V C1304 ECJIVF1E104Z 0.1 / Z / 25V C1305 ECJIVF1E104Z 0.1 / Z / 25V C1306 ECJIVF1E104Z 0.1 / Z / 25V C1307 ECJIVF1E104Z 0.1 / Z / 25V	
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C1310 ECITYETE1047 0 1 / 7 / 25V	
C1310 ECJ1VF1E104Z 0.1 / Z / 25V	
C1312 ECJ1VF1E104Z 0.1 / Z / 25V	
C1313 ECUX1H102KBV 1000P / K / 50V	
C1314 ECJ1VF1E104Z 0.1 / Z / 25V	
C1315 ECJ1VF1E104Z 0.1 / Z / 25V	
C1316 ECJ1VF1E104Z 0.1 / Z / 25V	
C1317 ECUX1H102KBV 1000P / K / 50V	
C1318 ECUX1H102KBV 1000P / K / 50V	
C1319 ECJ1VF1E104Z 0.1 / Z / 25V	
C1320 ECUX1H102KBV 1000P / K / 50V	
C1321 ECUX1H102KBV 1000P / K / 50V	
C1322 ECUX1H102KBV 1000P / K / 50V	
C1323 ECJ1VF1E104Z 0.1 / Z / 25V	
C1325 ECUX1H102KBV 1000P / K / 50V	

C1326 ECJIVFIE104Z 0.1/Z/25V C1327 ECJIVFIE104Z 0.1/Z/25V C1328 ECJIVFIE104Z 0.1/Z/25V C1329 ECJIVFIE104Z 0.1/Z/25V C1330 ECJIVFIE104Z 0.1/Z/25V C1331 ECUXIH102KBV 1000P/K/50V C1332 ECUXIH102KBV 1000P/K/50V C1333 ECJIVFIE104Z 0.1/Z/25V C1334 ECJIVFIE104Z 0.1/Z/25V C1335 ECJIVFIE104Z 0.1/Z/25V C1336 ECJIVFIE104Z 0.1/Z/25V C1368 ECUXIH102KBV 1000P/K/50V C1370 ECJIVFIE104Z 0.1/Z/25V C1371 ECJIVFIE104Z 0.1/Z/25V C1372 ECJIVFIE104Z 0.1/Z/25V C1373 F2G0J4700012 47/M/6.3V C1374 ECUXIH102KBV 1000P/K/50V C1375 ECJIVFIE104Z 0.1/Z/25V C1376 ECUXIH102KBV 1000P/K/50V C1377 ECJIVFIE104Z 0.1/Z/25V C1378 ECJIVFIE104Z 0.1/Z/25V C1379 ECJIVFIE104Z 0.1/Z/25V C1379 ECJIVFIE104Z 0.1/Z/25V C1379 ECJIVFIE104Z 0.1/Z/25V C1379 ECJIVFIE104Z 0.1/Z/25V C1380 ECJIVFIE104Z 0.1/Z/25V C1380 ECJIVFIE104Z 0.1/Z/25V C1381 F2G1A1010013 100/M/10V C1382 ECUXIH102KBV 1000P/K/50V C1383 ECJIVFIE104Z 0.1/Z/25V C1384 ECJIVFIE104Z 0.1/Z/25V C1385 F2G1A1010013 100/M/10V C1385 F2G1V4700008 47/M/35V C1388 ECJIVFIE104Z 0.1/Z/25V C1388 ECJIVFIE104Z 0.1/Z/25V C1389 ECUXIH102KBV 1000P/K/50V C1389 ECUXIH102KBV 1000P/K/50V C1390 ECUXIH102KBV 1000P/K/50V C1391 F2G1A1010013 100/M/10V C1392 ECJIVFIE104Z 0.1/Z/25V C1394 ECJIVFIE104Z 0.1/Z/25V C1395 ECJIVFIE104Z 0.1/Z/25V C1396 ECJIVFIE104Z 0.1/Z/25V C1397 ECJIVFIE104Z 0.1/Z/25V C1398 ECJIVFIE104Z 0.1/Z/25V C1396 ECJIVFIE104Z 0.1/Z/25V C1397 ECJIVFIE104Z 0.1/Z/25V C1397 ECJIVFIE104Z 0.1/Z/25V C1398 ECJIVFIE104Z 0.1/Z/25V C1396 ECJIVFIE104Z 0.1/Z/25V C1397 ECJIVFIE104Z 0.1/Z/25V			
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C1331 ECUX1H102KBV 1000P / K / 50V C1332 ECUX1H102KBV 1000P / K / 50V C1333 ECJIVF1E104Z 0.1 / Z / 25V C1334 ECJIVF1E104Z 0.1 / Z / 25V C1335 ECJIVF1E104Z 0.1 / Z / 25V C1336 ECJIVF1E104Z 0.1 / Z / 25V C1336 ECUX1H102KBV 1000P / K / 50V C1368 ECUX1H102KBV 1000P / K / 50V C1370 ECJIVF1E104Z 0.1 / Z / 25V C1371 ECJIVF1E104Z 0.1 / Z / 25V C1372 F2G0J4700012 47 / M / 6.3V C1373 F2G0J4700012 47 / M / 6.3V C1374 ECUX1H102KBV 1000P / K / 50V C1375 ECJIVF1E104Z 0.1 / Z / 25V C1376 ECUX1H102KBV 1000P / K / 50V C1377 F2G0G2210002 220 / M / 4V C1378 ECJIVF1E104Z 0.1 / Z / 25V C1379 ECJIVF1E104Z 0.1 / Z / 25V C1380 ECJIVF1E104Z 0.1 / Z / 25V C1381 F2G1A1010013 100 / M / 10V C1382 ECUX1H102KBV 1000P / K / 50V C1383 ECJIVF1E104Z 0.1 / Z / 25V C1384 ECJIVF1E104Z 0.1 / Z / 25V C1385 F2G1V4700008 47 / M / 35V C1388 ECJIVF1E104Z 0.1 / Z / 25V C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJIVF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJIVF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJIVF1E104Z 0.1 / Z / 25V C1395 ECJIVF1E104Z 0.1 / Z / 25V C1396 ECJIVF1E104Z 0.1 / Z / 25V C1397 ECJIVF1E104Z 0.1 / Z / 25V C1398 ECJIVF1E104Z 0.1 / Z / 25V C1399 ECJIVF1E104Z 0.1 / Z / 25V	C1329	ECJ1VF1E104Z	0.1 / Z / 25V
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C1335 ECJIVFIE104Z 0.1/Z/25V C1366 ECUXIH102KBV 1000P/K/50V C1369 ECUXIH102KBV 1000P/K/50V C1370 ECJIVFIE104Z 0.1/Z/25V C1371 ECJIVFIE104Z 0.1/Z/25V C1372 F2G0J4700012 47/M/6.3V C1373 F2G0J4700012 47/M/6.3V C1374 ECUXIH102KBV 1000P/K/50V C1375 ECJIVFIE104Z 0.1/Z/25V C1376 ECUXIH102KBV 1000P/K/50V C1377 F2G0G2210002 220/M/4V C1378 ECJIVFIE104Z 0.1/Z/25V C1380 ECJIVFIE104Z 0.1/Z/25V C1380 ECJIVFIE104Z 0.1/Z/25V C1381 F2G1A1010013 100/M/10V C1382 ECUXIH102KBV 1000P/K/50V C1383 ECJIVFIE104Z 0.1/Z/25V C1384 ECJIVFIE104Z 0.1/Z/25V C1388 ECJIVFIE104Z 0.1/Z/25V C1389 ECJIVFIE104Z 0.1/Z/25V C1389 ECUXIH102KBV 1000P/K/50V C1389 ECJIVFIE104Z 0.1/Z/25V C1389 ECJIVFIE104Z 0.1/Z/25V C1389 ECJIVFIE104Z 0.1/Z/25V C1389 ECUXIH102KBV 1000P/K/50V C1389 ECUXIH102KBV 1000P/K/50V C1390 ECUXIH102KBV 1000P/K/50V C1391 F2G1A1010013 100/M/10V C1392 ECJIVFIE104Z 0.1/Z/25V C1393 ECUXIH102KBV 1000P/K/50V C1394 ECJIVFIE104Z 0.1/Z/25V C1395 ECJIVFIE104Z 0.1/Z/25V C1396 ECJIVFIE104Z 0.1/Z/25V C1396 ECJIVFIE104Z 0.1/Z/25V C1397 ECJIVFIE104Z 0.1/Z/25V C1398 ECJIVFIE104Z 0.1/Z/25V C1399 ECUXIH102KBV 1000P/K/50V C1391 ECJIVFIE104Z 0.1/Z/25V C1393 ECUXIH102KBV 1000P/K/50V C1394 ECJIVFIE104Z 0.1/Z/25V C1395 ECJIVFIE104Z 0.1/Z/25V	C1333	ECJ1VF1E104Z	0.1 / Z / 25V
C1336 ECJIVFIE104Z 0.1/Z/25V C1368 ECUX1H102KBV 1000P/K/50V C1369 ECUX1H102KBV 1000P/K/50V C1370 ECJIVF1E104Z 0.1/Z/25V C1371 ECJIVF1E104Z 0.1/Z/25V C1372 F2G0J4700012 47/M/6.3V C1373 F2G0J4700012 47/M/6.3V C1374 ECUX1H102KBV 1000P/K/50V C1375 ECJIVF1E104Z 0.1/Z/25V C1376 ECUX1H102KBV 1000P/K/50V C1377 F2G0G2210002 220/M/4V C1378 ECJIVF1E104Z 0.1/Z/25V C1379 ECJIVF1E104Z 0.1/Z/25V C1380 ECJIVF1E104Z 0.1/Z/25V C1381 F2G1A1010013 100/M/10V C1382 ECUX1H102KBV 1000P/K/50V C1383 ECJIVF1E104Z 0.1/Z/25V C1384 ECJIVF1E104Z 0.1/Z/25V C1385 F2GIV4700008 47/M/35V C1388 ECJIVF1E104Z 0.1/Z/25V C1389 ECUX1H102KBV 1000P/K/50V C1389 ECUX1H102KBV 1000P/K/50V C1390 ECUX1H102KBV 1000P/K/50V C1391 F2G1A1010013 100/M/10V C1392 ECJIVF1E104Z 0.1/Z/25V C1393 ECUX1H102KBV 1000P/K/50V C1394 ECJIVF1E104Z 0.1/Z/25V C1395 ECJIVF1E104Z 0.1/Z/25V C1396 ECJIVF1E104Z 0.1/Z/25V C1396 ECJIVF1E104Z 0.1/Z/25V C1396 ECJIVF1E104Z 0.1/Z/25V	C1334	ECJ1VF1E104Z	0.1 / Z / 25V
C1368 ECUX1H102KBV 1000P / K / 50V C1369 ECUX1H102KBV 1000P / K / 50V C1370 ECJIVF1E104Z 0.1 / Z / 25V C1371 ECJIVF1E104Z 0.1 / Z / 25V C1372 F2G0J4700012 47 / M / 6.3V C1373 F2G0J4700012 47 / M / 6.3V C1374 ECUX1H102KBV 1000P / K / 50V C1375 ECJIVF1E104Z 0.1 / Z / 25V C1376 ECUX1H102KBV 1000P / K / 50V C1377 F2G0G2210002 220 / M / 4V C1378 ECJIVF1E104Z 0.1 / Z / 25V C1379 ECJIVF1E104Z 0.1 / Z / 25V C1380 ECJIVF1E104Z 0.1 / Z / 25V C1381 F2G1A1010013 100 / M / 10V C1382 ECUX1H102KBV 1000P / K / 50V C1383 ECJIVF1E104Z 0.1 / Z / 25V C1384 ECJIVF1E104Z 0.1 / Z / 25V C1385 F2G1V4700008 47 / M / 35V C1388 ECJIVF1E104Z 0.1 / Z / 25V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECUX1H102KBV 1000P / K / 50V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJIVF1E104Z 0.1 / Z / 25V C1395 ECJIVF1E104Z 0.1 / Z / 25V C1396 ECJIVF1E104Z 0.1 / Z / 25V C1397 ECJIVF1E104Z 0.1 / Z / 25V C1398 ECJIVF1E104Z 0.1 / Z / 25V C1399 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJIVF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJIVF1E104Z 0.1 / Z / 25V C1395 ECJIVF1E104Z 0.1 / Z / 25V	C1335	ECJ1VF1E104Z	0.1 / Z / 25V
C1369 ECUX1H102KBV 1000P / K / 50V C1370 ECJIVF1E104Z 0.1 / Z / 25V C1371 ECJIVF1E104Z 0.1 / Z / 25V C1372 F2G0J4700012 47 / M / 6.3V C1373 F2G0J4700012 47 / M / 6.3V C1374 ECUX1H102KBV 1000P / K / 50V C1375 ECJIVF1E104Z 0.1 / Z / 25V C1376 ECUX1H102KBV 1000P / K / 50V C1377 F2G0G2210002 220 / M / 4V C1378 ECJIVF1E104Z 0.1 / Z / 25V C1380 ECJIVF1E104Z 0.1 / Z / 25V C1381 F2G1A1010013 100 / M / 10V C1382 ECUX1H102KBV 1000P / K / 50V C1383 ECJIVF1E104Z 0.1 / Z / 25V C1384 ECJIVF1E104Z 0.1 / Z / 25V C1385 F2G1V4700008 47 / M / 35V C1388 ECJIVF1E104Z 0.1 / Z / 25V C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECUX1H102KBV 1000P / K / 50V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJIVF1E104Z 0.1 / Z / 25V C1395 ECJIVF1E104Z 0.1 / Z / 25V C1396 ECJIVF1E104Z 0.1 / Z / 25V C1397 ECJIVF1E104Z 0.1 / Z / 25V C1398 ECJIVF1E104Z 0.1 / Z / 25V C1399 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJIVF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJIVF1E104Z 0.1 / Z / 25V C1395 ECJIVF1E104Z 0.1 / Z / 25V	C1336	ECJ1VF1E104Z	0.1 / Z / 25V
C1370 ECJIVFIE104Z 0.1/Z/25V C1371 ECJIVFIE104Z 0.1/Z/25V C1372 F2G0J4700012 47/M/6.3V C1373 F2G0J4700012 47/M/6.3V C1374 ECUXIH102KBV 1000P/K/50V C1375 ECJIVFIE104Z 0.1/Z/25V C1376 ECUXIH102KBV 1000P/K/50V C1377 F2G0G2210002 220/M/4V C1378 ECJIVFIE104Z 0.1/Z/25V C1380 ECJIVFIE104Z 0.1/Z/25V C1381 F2G1A1010013 100/M/10V C1382 ECUXIH102KBV 1000P/K/50V C1383 ECJIVFIE104Z 0.1/Z/25V C1384 ECJIVFIH104Z 0.1/Z/25V C1385 F2G1V4700008 47/M/35V C1388 ECJIVFIE104Z 0.1/Z/25V C1390 ECUXIH102KBV 1000P/K/50V C1391 F2G1A1010013 100/M/10V C1392 ECUXIH102KBV 1000P/K/50V C1391 F2G1A1010013 100/M/10V C1392 ECJIVFIE104Z 0.1/Z/25V C1393 ECUXIH102KBV 1000P/K/50V C1394 ECJIVFIE104Z 0.1/Z/25V C1395 ECJIVFIE104Z 0.1/Z/25V C1396 ECJIVFIE104Z 0.1/Z/25V	C1368	ECUX1H102KBV	1000P / K / 50V
C1371 ECJIVFIE104Z 0.1/Z/25V C1372 F2G0J4700012 47/M/6.3V C1373 F2G0J4700012 47/M/6.3V C1374 ECUXIHI02KBV 1000P/K/50V C1375 ECJIVFIE104Z 0.1/Z/25V C1376 ECUXIHI02KBV 1000P/K/50V C1377 F2G0G2210002 220/M/4V C1378 ECJIVFIE104Z 0.1/Z/25V C1379 ECJIVFIE104Z 0.1/Z/25V C1380 ECJIVFIE104Z 0.1/Z/25V C1381 F2G1A1010013 100/M/10V C1382 ECUXIHI02KBV 1000P/K/50V C1383 ECJIVFIE104Z 0.1/Z/25V C1384 ECJIVFIE104Z 0.1/Z/25V C1385 F2G1V4700008 47/M/35V C1388 ECJIVFIE104Z 0.1/Z/25V C1390 ECUXIHI02KBV 1000P/K/50V C1391 F2G1A1010013 100/M/10V C1392 ECJIVFIE104Z 0.1/Z/25V C1394 ECJIVFIE104Z 0.1/Z/25V C1395 ECJIVFIE104Z 0.1/Z/25V C1396 ECJIVFIE104Z 0.1/Z/25V C1396 ECJIVFIE104Z 0.1/Z/25V C1397 ECJIVFIE104Z 0.1/Z/25V C1398 ECJIVFIE104Z 0.1/Z/25V C1399 ECUXIHI02KBV 1000P/K/50V C1390 ECUXIHI02KBV 1000P/K/50V C1391 F2G1A1010013 100/M/10V C1392 ECJIVFIE104Z 0.1/Z/25V C1393 ECUXIHI02KBV 1000P/K/50V C1394 ECJIVFIE104Z 0.1/Z/25V C1395 ECJIVFIE104Z 0.1/Z/25V	C1369	ECUX1H102KBV	1000P / K / 50V
C1372 F2G0J4700012 47 / M / 6.3V C1373 F2G0J4700012 47 / M / 6.3V C1374 ECUX1H102KBV 1000P / K / 50V C1375 ECJ1VF1E104Z 0.1 / Z / 25V C1376 ECUX1H102KBV 1000P / K / 50V C1377 F2G0G2210002 220 / M / 4V C1378 ECJ1VF1E104Z 0.1 / Z / 25V C1380 ECJ1VF1E104Z 0.1 / Z / 25V C1380 ECJ1VF1E104Z 0.1 / Z / 25V C1381 F2G1A1010013 100 / M / 10V C1382 ECUX1H102KBV 1000P / K / 50V C1383 ECJ1VF1E104Z 0.1 / Z / 25V C1384 ECJ1VF1H104Z 0.1 / Z / 25V C1385 F2G1V4700008 47 / M / 35V C1388 ECJ1VF1E104Z 0.1 / Z / 25V C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1370	ECJ1VF1E104Z	0.1 / Z / 25V
C1373 F2G0J4700012 47 / M / 6.3V C1374 ECUX1H102KBV 1000P / K / 50V C1375 ECJIVF1E104Z 0.1 / Z / 25V C1376 ECUX1H102KBV 1000P / K / 50V C1377 F2G0G2210002 220 / M / 4V C1378 ECJIVF1E104Z 0.1 / Z / 25V C1379 ECJIVF1E104Z 0.1 / Z / 25V C1380 ECJIVF1E104Z 0.1 / Z / 25V C1381 F2G1A1010013 100 / M / 10V C1382 ECUX1H102KBV 1000P / K / 50V C1383 ECJIVF1E104Z 0.1 / Z / 25V C1384 ECJIVF1H104Z 0.1 / Z / 25V C1385 F2G1V4700008 47 / M / 35V C1388 ECJIVF1E104Z 0.1 / Z / 25V C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJIVF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJIVF1E104Z 0.1 / Z / 25V C1395 ECJIVF1E104Z 0.1 / Z / 25V C1396 ECJIVF1E104Z 0.1 / Z / 25V	C1371	ECJ1VF1E104Z	0.1 / Z / 25V
C1374 ECUX1H102KBV 1000P/K/50V C1375 ECJIVF1E104Z 0.1/Z/25V C1376 ECUX1H102KBV 1000P/K/50V C1377 F2G0G2210002 220/M/4V C1378 ECJIVF1E104Z 0.1/Z/25V C1379 ECJIVF1E104Z 0.1/Z/25V C1380 ECJIVF1E104Z 0.1/Z/25V C1381 F2G1A1010013 100/M/10V C1382 ECUX1H102KBV 1000P/K/50V C1383 ECJIVF1E104Z 0.1/Z/25V C1384 ECJIVF1H104Z 0.1/Z/50V C1385 F2G1V4700008 47/M/35V C1388 ECJIVF1E104Z 0.1/Z/25V C1389 ECUX1H102KBV 1000P/K/50V C1390 ECUX1H102KBV 1000P/K/50V C1391 F2G1A1010013 100/M/10V C1392 ECJIVF1E104Z 0.1/Z/25V C1393 ECUX1H102KBV 1000P/K/50V C1394 ECJIVF1E104Z 0.1/Z/25V C1395 ECJIVF1E104Z 0.1/Z/25V C1396 ECJIVF1E104Z 0.1/Z/25V	C1372	F2G0J4700012	47 / M / 6.3V
C1375 ECJ1VF1E104Z 0.1 / Z / 25V C1376 ECUX1H102KBV 1000P / K / 50V C1377 F2G0G2210002 220 / M / 4V C1378 ECJ1VF1E104Z 0.1 / Z / 25V C1379 ECJ1VF1E104Z 0.1 / Z / 25V C1380 ECJ1VF1E104Z 0.1 / Z / 25V C1381 F2G1A1010013 100 / M / 10V C1382 ECUX1H102KBV 1000P / K / 50V C1383 ECJ1VF1E104Z 0.1 / Z / 25V C1384 ECJ1VF1H104Z 0.1 / Z / 25V C1385 F2G1V4700008 47 / M / 35V C1388 ECJ1VF1E104Z 0.1 / Z / 25V C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1373	F2G0J4700012	47 / M / 6.3V
C1376 ECUX1H102KBV 1000P / K / 50V C1377 F2G0G2210002 220 / M / 4V C1378 ECJ1VF1E104Z 0.1 / Z / 25V C1379 ECJ1VF1E104Z 0.1 / Z / 25V C1380 ECJ1VF1E104Z 0.1 / Z / 25V C1381 F2G1A1010013 100 / M / 10V C1382 ECUX1H102KBV 1000P / K / 50V C1383 ECJ1VF1E104Z 0.1 / Z / 25V C1384 ECJ1VF1H104Z 0.1 / Z / 50V C1385 F2G1V4700008 47 / M / 35V C1388 ECJ1VF1E104Z 0.1 / Z / 25V C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1374	ECUX1H102KBV	1000P / K / 50V
C1377 F2G0G2210002 220 / M / 4V C1378 ECJ1VF1E104Z 0.1 / Z / 25V C1379 ECJ1VF1E104Z 0.1 / Z / 25V C1380 ECJ1VF1E104Z 0.1 / Z / 25V C1381 F2G1A1010013 100 / M / 10V C1382 ECUX1H102KBV 1000P / K / 50V C1383 ECJ1VF1E104Z 0.1 / Z / 25V C1384 ECJ1VF1H104Z 0.1 / Z / 50V C1385 F2G1V4700008 47 / M / 35V C1388 ECJ1VF1E104Z 0.1 / Z / 25V C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1375	ECJ1VF1E104Z	0.1 / Z / 25V
C1378 ECJ1VF1E104Z 0.1/Z/25V C1379 ECJ1VF1E104Z 0.1/Z/25V C1380 ECJ1VF1E104Z 0.1/Z/25V C1381 F2G1A1010013 100/M/10V C1382 ECUX1H102KBV 1000P/K/50V C1383 ECJ1VF1E104Z 0.1/Z/25V C1384 ECJ1VF1H104Z 0.1/Z/50V C1385 F2G1V4700008 47/M/35V C1388 ECJ1VF1E104Z 0.1/Z/25V C1389 ECUX1H102KBV 1000P/K/50V C1390 ECUX1H102KBV 1000P/K/50V C1391 F2G1A1010013 100/M/10V C1392 ECJ1VF1E104Z 0.1/Z/25V C1393 ECUX1H102KBV 1000P/K/50V C1394 ECJ1VF1E104Z 0.1/Z/25V C1395 ECJ1VF1E104Z 0.1/Z/25V C1396 ECJ1VF1E104Z 0.1/Z/25V C1396 ECJ1VF1E104Z 0.1/Z/25V	C1376	ECUX1H102KBV	1000P / K / 50V
C1379 ECJ1VF1E104Z 0.1/Z/25V C1380 ECJ1VF1E104Z 0.1/Z/25V C1381 F2G1A1010013 100/M/10V C1382 ECUX1H102KBV 1000P/K/50V C1383 ECJ1VF1E104Z 0.1/Z/25V C1384 ECJ1VF1H104Z 0.1/Z/50V C1385 F2G1V4700008 47/M/35V C1388 ECJ1VF1E104Z 0.1/Z/25V C1389 ECUX1H102KBV 1000P/K/50V C1390 ECUX1H102KBV 1000P/K/50V C1391 F2G1A1010013 100/M/10V C1392 ECJ1VF1E104Z 0.1/Z/25V C1393 ECUX1H102KBV 1000P/K/50V C1394 ECJ1VF1E104Z 0.1/Z/25V C1395 ECJ1VF1E104Z 0.1/Z/25V C1396 ECJ1VF1E104Z 0.1/Z/25V	C1377	F2G0G2210002	220 / M / 4V
C1380 ECJ1VF1E104Z 0.1/Z/25V C1381 F2G1A1010013 100/M/10V C1382 ECUX1H102KBV 1000P/K/50V C1383 ECJ1VF1E104Z 0.1/Z/25V C1384 ECJ1VF1H104Z 0.1/Z/50V C1385 F2G1V4700008 47/M/35V C1388 ECJ1VF1E104Z 0.1/Z/25V C1389 ECUX1H102KBV 1000P/K/50V C1390 ECUX1H102KBV 1000P/K/50V C1391 F2G1A1010013 100/M/10V C1392 ECJ1VF1E104Z 0.1/Z/25V C1393 ECUX1H102KBV 1000P/K/50V C1394 ECJ1VF1E104Z 0.1/Z/25V C1395 ECJ1VF1E104Z 0.1/Z/25V C1396 ECJ1VF1E104Z 0.1/Z/25V	C1378	ECJ1VF1E104Z	0.1 / Z / 25V
C1381 F2G1A1010013 100 / M / 10V C1382 ECUX1H102KBV 1000P / K / 50V C1383 ECJ1VF1E104Z 0.1 / Z / 25V C1384 ECJ1VF1H104Z 0.1 / Z / 50V C1385 F2G1V4700008 47 / M / 35V C1388 ECJ1VF1E104Z 0.1 / Z / 25V C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1379	ECJ1VF1E104Z	0.1 / Z / 25V
C1382 ECUX1H102KBV 1000P / K / 50V C1383 ECJ1VF1E104Z 0.1 / Z / 25V C1384 ECJ1VF1H104Z 0.1 / Z / 50V C1385 F2G1V4700008 47 / M / 35V C1388 ECJ1VF1E104Z 0.1 / Z / 25V C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1380	ECJ1VF1E104Z	0.1 / Z / 25V
C1383 ECJ1VF1E104Z 0.1 / Z / 25V C1384 ECJ1VF1H104Z 0.1 / Z / 50V C1385 F2G1V4700008 47 / M / 35V C1388 ECJ1VF1E104Z 0.1 / Z / 25V C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1381	F2G1A1010013	100 / M / 10V
C1384 ECJ1VF1H104Z 0.1 / Z / 50V C1385 F2G1V4700008 47 / M / 35V C1388 ECJ1VF1E104Z 0.1 / Z / 25V C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1382	ECUX1H102KBV	1000P / K / 50V
C1385 F2G1V4700008 47 / M / 35V C1388 ECJ1VF1E104Z 0.1 / Z / 25V C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1383	ECJ1VF1E104Z	0.1 / Z / 25V
C1388 ECJ1VF1E104Z 0.1 / Z / 25V C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1384	ECJ1VF1H104Z	0.1 / Z / 50V
C1389 ECUX1H102KBV 1000P / K / 50V C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1385	F2G1V4700008	47 / M / 35V
C1390 ECUX1H102KBV 1000P / K / 50V C1391 F2G1A1010013 100 / M / 10V C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1388	ECJ1VF1E104Z	0.1 / Z / 25V
C1391 F2G1A1010013 100 / M / 10V C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1389	ECUX1H102KBV	1000P / K / 50V
C1392 ECJ1VF1E104Z 0.1 / Z / 25V C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1390	ECUX1H102KBV	1000P / K / 50V
C1393 ECUX1H102KBV 1000P / K / 50V C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1391	F2G1A1010013	100 / M / 10V
C1394 ECJ1VF1E104Z 0.1 / Z / 25V C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1392	ECJ1VF1E104Z	0.1 / Z / 25V
C1395 ECJ1VF1E104Z 0.1 / Z / 25V C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1393	ECUX1H102KBV	1000P / K / 50V
C1396 ECJ1VF1E104Z 0.1 / Z / 25V	C1394	ECJ1VF1E104Z	0.1 / Z / 25V
	C1395	ECJ1VF1E104Z	0.1 / Z / 25V
C1397 ECJ1VF1E104Z 0.1 / Z / 25V	C1396	ECJ1VF1E104Z	0.1 / Z / 25V
	C1397	ECJ1VF1E104Z	0.1 / Z / 25V

C1398	ECJ1VF1E104Z	0.1 / Z / 25V
C1399	ECJ1VF1E104Z	0.1 / Z / 25V
C1400	ECUX1H102KBV	1000P / K / 50V
C1401	ECUX1H102KBV	1000P / K / 50V
C1402	ECUX1H102KBV	1000P / K / 50V
C1403	F2G0G2210002	220 / M / 4V
C1404	F2G0G2210002	220 / M / 4V
C1405	F2G1A1010013	100 / M / 10V
C1406	ECJ1VF1E104Z	0.1 / Z / 25V
C1407	ECJ1VF1E104Z	0.1 / Z / 25V
C1408	F2G1E1010012	100P / M / 25V
C1409	F2G1E1010012	100P / M / 25V
C1410	ECUX1H102KBV	1000P / K / 50V
C1411	ECUX1H102KBV	1000P / K / 50V
C1412	ECJ1VF1E104Z	0.1 / Z / 25V
C1413	ECJ1VF1E104Z	0.1 / Z / 25V
C1414	F2G1C1010015	100 / M / 16V
C1415	F2G1C1010015	100 / M / 16V
C1416	ECUX1H102KBV	1000P / K / 50V
C1417	ECUX1H102KBV	1000P / K / 50V
C1418	ECJ1VF1E104Z	0.1 / Z / 25V
C1419	ECUX1H102KBV	1000P / K / 50V
C1420	ECJ1VF1H104Z	0.1 / Z / 50V
C1422	ECJ1VF1E104Z	0.1 / Z / 25V
C1423	ECUX1H102KBV	1000P / K / 50V
C1424	F2G1V4700008	47 / M / 35V
C1426	ECJ1VF1E104Z	0.1 / Z / 25V
C1427	F2G1V4700008	47 / M / 35V
C1430	ECUX1H102KBV	1000P / K / 50V
C1431	ECJ1VF1E104Z	0.1 / Z / 25V
C1433	ECUX1H102KBV	1000P / K / 50V
C1434	ECUX1H102KBV	1000P / K / 50V
C1435	ECJ1VF1H104Z	0.1 / Z / 50V
C1436	ECUX1H102KBV	1000P / K / 50V
C1437	ECUX1H102KBV	1000P / K / 50V
C1438	ECUX1H102KBV	1000P / K / 50V
C1439	ECUX1H102KBV	1000P / K / 50V
C1440	ECJ1VB1C105K	1 / K / 16V
C1441	ECJ1VB1A474K	0.47 / K / 10V

C1442	ECJ1VB1A474K	0.47 / K / 10V
	l	COILS
L1000	J0JCC0000059	Inductor Coil
L1001	J0JCC0000059	Inductor Coil
L1002	J0JCC0000059	Inductor Coil
L1003	J0JCC0000059	Inductor Coil
L1004	J0JCC0000059	Inductor Coil
L1005	J0JCC0000059	Inductor Coil
L1006	J0JCC0000059	Inductor Coil
L1007	J0JCC0000059	Inductor Coil
L1008	G1C220KA0057	Coil
L1009	G1C220KA0057	Coil
L1010	J0JCC0000059	Inductor Coil
L1011	J0JCC0000059	Inductor Coil
L1012	G1C220KA0057	Coil
L1013	G1C220KA0057	Coil
L1014	J0JCC0000059	Inductor Coil
L1015	J0JCC0000059	Inductor Coil
L1016	G1C220KA0057	Coil
L1017	J0JCC0000059	Inductor Coil
L1018	J0JCC0000059	Inductor Coil
L1019	J0JCC0000059	Inductor Coil
L1020	J0JCC0000059	Inductor Coil
L1021	J0JCC0000059	Inductor Coil
L1022	J0JCC0000059	Inductor Coil
L1023	J0JCC0000059	Inductor Coil
L1024	J0JCC0000059	Inductor Coil
L1025	J0JCC0000059	Inductor Coil
	Γ	DIODES
D1003	B0JCAE000001	Diode
D1004	B0JCAE000001	Diode
TRANSISTORS		
Q1000	UNR221100L	Transistor
Q1001	UN2111	Transistor
Q1002	B1GBCFLL0002	Transistor
Q1003	B1DHCB000028	Transistor
Q1004	UNR221100L	Transistor
Q1005	UNR221100L	Transistor
Q1006	UNR221100L	Transistor

Q1007	UNR221100L	Transistor
	,	ICs
IC1000	C0CBABG00019	IC
IC1001	C0CBABG00019	IC
IC1002	C0JBAA000321	IC
IC1003	C0JBAZ001411	IC CMOS Logic
IC1004	C0JBAZ001411	IC CMOS Logic
IC1005	C0JBAZ001411	IC CMOS Logic
IC1006	C0JBAZ002120	IC CMOS Logic
IC1007	C0ZBZ0000834	IC
IC1008	C0JBAZ002120	IC CMOS Logic
IC1009	C0ZBZ0000834	IC
IC1010	C0ZBZ0000835	IC
IC1011	C0ZBZ0000835	IC
IC1012	C0ZBZ0000835	IC
IC1013	C0ZBZ0000835	IC
IC1014	C0ABCA000038	IC
IC1015	C0ABCA000038	IC
IC1016	C0BBCA000045	IC
IC1017	C0BBCA000045	IC
IC1018	C0FBBD000116	IC
IC1019	C0FBBD000116	IC
IC1020	C0EBE0000139	IC
IC1021	C0EBH0000227	IC Reset
IC1023	C3EBEG000059	IC EEPROM
IC1024	C2CBYK000003	IC
IC1025	PJVRX01S3065	IC FLASH
IC1026	C3BBHG000091	IC SRAM
IC1027	C0JBAA000279	IC
IC1028	C0JBAZ001411	IC CMOS Logic
IC1029	C0JBAN000168	IC
IC1030	C0JBAN000168	IC
IC1031	C0JBAN000168	IC
IC1032	C0JBAN000168	IC
IC1033	C0JBAE000277	IC
IC1034	C0JBAZ001411	IC CMOS Logic
IC1035	C0JBAZ001411	IC CMOS Logic
IC1036	C0JBAZ001411	IC CMOS Logic
IC1037	C0JBAF000531	IC CMOS Logic

IC1038	C0JBAF000531	IC CMOS Logic	
IC1039	C0JBAZ001936	IC CMOS Logic	
IC1040	C0JBAZ001411	IC CMOS Logic	
IC1041	C0JBAZ001936	IC CMOS Logic	
IC1042	C0JBAZ001411	IC CMOS Logic	
IC1043	C0CBAKE00009	IC Regulator	
IC1044	C0CBAKE00009	IC Regulator	
	C	OTHERS	
CN1000	K1KBE0BA0007	Connector	
CN1002	K1KA16A00195	Connector	
CN1003	K1KA32A00049	Connector	
CN1004	K1KA22AA0039	Connector	
CN1005	K1KA28A00031	Connector	
CN1006	K1KA06A00408	Connector	
CN1007	K1KA34A00097	Connector	
CN1008	K1KA18A00090	Connector	
CN1009	K1KA24A00094	Connector	
CN1010	K1KA13A00127	Connector	
CN1011	K1KA08A00446	Connector	
CN1012	K1KA34A00105	Connector	
CN1013	K1KA20A00299	Connector	
CN1014	K1KA12A00324	Connector	
SP1	K1NC02Z00009	Connector	
X1000	H2D165500002	Oscillator	

15.2 INTERFACE Board

Ref. No.	Part No.	Part Name & Description	Remarks
	RE	ESISTORS	,
R2000	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2001	ERJ3GEYJ100	10 / J / (1/10W)	
R2002	ERJ3GEYJ100	10 / J / (1/10W)	
R2003	ERJ3GEYJ100	10 / J / (1/10W)	
R2004	ERJ3GEYJ100	10 / J / (1/10W)	
R2005	ERJ3GEYJ100	10 / J / (1/10W)	
R2006	ERJ3GEYJ100	10 / J / (1/10W)	
R2007	ERJ3GEYJ100	10 / J / (1/10W)	
R2008	ERJ3GEYJ100	10 / J / (1/10W)	
R2009	ERJ3GEYJ100	10 / J / (1/10W)	
R2010	ERJ3GEYJ100	10 / J / (1/10W)	
R2011	ERJ3GEYJ100	10 / J / (1/10W)	
R2012	ERJ3GEYJ100	10 / J / (1/10W)	
R2013	ERJ3GEYJ100	10 / J / (1/10W)	
R2138	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2139	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2140	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2141	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2142	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2143	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2253	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2254	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2255	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2256	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2257	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2258	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2378	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2379	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2380	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2381	ERJ3GEYJ472	4.7K / J / (1/10W)	
R2383	ERJ3GEY0R00	0-ohm Jumper	
R2385	ERJ3GEY0R00	0-ohm Jumper	

R2388 ERJ3GEY0R00 0-ohm Jumper R2390 ERJ3GEY0R00 0-ohm Jumper R2392 ERJ3GEY0R00 0-ohm Jumper R2393 ERJ3GEYJ472 4.7K / J / (1/10W) R2395 ERJ3GEYJ101 100 / J / (1/10W) R2396 ERJ3GEYJ102 1K / J / (1/10W) R2398 ERJ3GEY0R00 0-ohm Jumper R2400 ERJ3GEY0R00 0-ohm Jumper R2401 ERJ3GEYJ100 10 / J / (1/10W) R2402 ERJ3GEYJ100 10 / J / (1/10W) R2403 ERJ3GEYOR00 0-ohm Jumper R2404 ERJ3GEYJ223 22K / J / (1/10W) R2405 ERJ3GEYJ223 22K / J / (1/10W) R2406 ERJ3GEYJ223 22K / J / (1/10W) R2407 ERJ3GEYOR00 0-ohm Jumper R2410 ERJ3GEYOR00 0-ohm Jumper R2411 ERJ3GEYOR00 0-ohm Jumper R2412 ERJ3GEYOR00 0-ohm Jumper R2421 ERJ3GEYOR00 0-ohm Jumper R2422 ERJ3GEYOR00 0-ohm Jumper </th <th>R2386</th> <th>ED 12 CEVODOO</th> <th>O ohm Jummor</th>	R2386	ED 12 CEVODOO	O ohm Jummor
R2390 ERJ3GEY0R00 0-ohm Jumper R2392 ERJ3GEY0R00 0-ohm Jumper R2393 ERJ3GEYJ472 4.7K/J/(I/10W) R2395 ERJ3GEYJ101 100/J/(I/10W) R2396 ERJ3GEYJ102 1K/J/(I/10W) R2398 ERJ3GEY0R00 0-ohm Jumper R2400 ERJ3GEY0R00 0-ohm Jumper R2401 ERJ3GEYJ100 10/J/(I/10W) R2402 ERJ3GEYJ100 10/J/(I/10W) R2403 ERJ3GEYJ223 22K/J/(I/10W) R2404 ERJ3GEYJ223 22K/J/(I/10W) R2405 ERJ3GEYJ223 22K/J/(I/10W) R2406 ERJ3GEYJ223 22K/J/(I/10W) R2410 ERJ3GEY0R00 0-ohm Jumper R2411 ERJ3GEYOR00 0-ohm Jumper R2412 ERJ3GEYOR00 0-ohm Jumper R2414 ERJ3GEYOR00 0-ohm Jumper R2421 ERJ3GEYOR00 0-ohm Jumper R2422 ERJ3GEYOR00 0-ohm Jumper R2423 ERJ3GEYOR00 0-ohm Jumper		ERJ3GEY0R00	0-ohm Jumper
R2392 ERJ3GEY0R00 0-ohm Jumper R2393 ERJ3GEYJ472 4.7K / J / (1/10W) R2395 ERJ3GEYJ101 100 / J / (1/10W) R2396 ERJ3GEYJ102 1K / J / (1/10W) R2398 ERJ3GEY0R00 0-ohm Jumper R2400 ERJ3GEY0R00 0-ohm Jumper R2401 ERJ3GEYJ100 10 / J / (1/10W) R2402 ERJ3GEYJ100 10 / J / (1/10W) R2403 ERJ3GEYJ223 22K / J / (1/10W) R2404 ERJ3GEYDR00 0-ohm Jumper R2410 ERJ3GEY0R00 0-ohm Jumper R2410 ERJ3GEY0R00 0-ohm Jumper R2411 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2413 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper </td <td> </td> <td></td> <td></td>			
R2393 ERJ3GEYJ472 4.7K/J/(I/10W) R2395 ERJ3GEYJ101 100/J/(I/10W) R2396 ERJ3GEYJ102 1K/J/(I/10W) R2398 ERJ3GEY0R00 0-ohm Jumper R2400 ERJ3GEY0R00 0-ohm Jumper R2401 ERJ3GEYJ100 10/J/(I/10W) R2402 ERJ3GEYJ100 10/J/(I/10W) R2403 ERJ3GEYJ223 22K/J/(I/10W) R2404 ERJ3GEYJ223 22K/J/(I/10W) R2410 ERJ3GEY0R00 0-ohm Jumper R2410 ERJ3GEY0R00 0-ohm Jumper R2411 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2414 ERJ3GEY0R00 0-ohm Jumper R2415 ERJ3GEY0R00 0-ohm Jumper R2421 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper <t< td=""><td></td><td></td><td></td></t<>			
R2395 ERJ3GEYJ101 100 / J / (1/10W) R2396 ERJ3GEYJ102 1K / J / (1/10W) R2398 ERJ3GEY0R00 0-ohm Jumper R2400 ERJ3GEY0R00 0-ohm Jumper R2401 ERJ3GEYJ100 10 / J / (1/10W) R2402 ERJ3GEYJ100 10 / J / (1/10W) R2403 ERJ3GEYJ223 22K / J / (1/10W) R2406 ERJ3GEYJ223 22K / J / (1/10W) R2407 ERJ3GEY0R00 0-ohm Jumper R2410 ERJ3GEY0R00 0-ohm Jumper R2411 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2413 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper <td></td> <td></td> <td></td>			
R2396 ERJ3GEYJ102 1K/J/(I/10W) R2398 ERJ3GEY0R00 0-ohm Jumper R2400 ERJ3GEY0R00 0-ohm Jumper R2401 ERJ3GEYJ100 10/J/(I/10W) R2402 ERJ3GEYJ100 10/J/(I/10W) R2403 ERJ3GEYJ223 22K/J/(I/10W) R2405 ERJ3GEYJ223 22K/J/(I/10W) R2406 ERJ3GEY0R00 0-ohm Jumper R2410 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2413 ERJ3GEY0R00 0-ohm Jumper R2414 ERJ3GEY0R00 0-ohm Jumper R2421 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEY0R00 0-ohm Jumper R			<u> </u>
R2398 ERJ3GEY0R00 0-ohm Jumper R2400 ERJ3GEY0R00 0-ohm Jumper R2401 ERJ3GEY0R00 0-ohm Jumper R2402 ERJ3GEYJ100 10/J/(I/10W) R2403 ERJ3GEYJ223 22K/J/(I/10W) R2405 ERJ3GEYJ223 22K/J/(I/10W) R2406 ERJ3GEY0R00 0-ohm Jumper R2410 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2413 ERJ3GEY0R00 0-ohm Jumper R2418 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEYJ0R00 0-ohm Jumper R2430 ERJ3GEYJ102 220/J/(I/10W) R2431 ERJ3GEYJ1682 6.8K/J/(I/10W)			<u> </u>
R2400 ERJ3GEY0R00 0-ohm Jumper R2401 ERJ3GEY0R00 0-ohm Jumper R2402 ERJ3GEYJ100 10 / J / (1/10W) R2403 ERJ3GEYJ223 22K / J / (1/10W) R2405 ERJ3GEYJ223 22K / J / (1/10W) R2406 ERJ3GEYJ223 22K / J / (1/10W) R2407 ERJ3GEYOR00 0-ohm Jumper R2410 ERJ3GEYOR00 0-ohm Jumper R2412 ERJ3GEYOR00 0-ohm Jumper R2414 ERJ3GEYOR00 0-ohm Jumper R2415 ERJ3GEYOR00 0-ohm Jumper R24218 ERJ3GEYOR00 0-ohm Jumper R2422 ERJ3GEYOR00 0-ohm Jumper R2423 ERJ3GEYOR00 0-ohm Jumper R2424 ERJ3GEYOR00 0-ohm Jumper R2425 ERJ3GEYOR00 0-ohm Jumper R2426 ERJ3GEYOR00 0-ohm Jumper R2429 ERJ3GEYOR00 0-ohm Jumper R2430 ERJ3GEYJ082 6.8K / J / (1/10W) R2431 ERJ3GEYJ103 10K / J / (1/10W)			<u> </u>
R2401 ERJ3GEY0R00 0-ohm Jumper R2402 ERJ3GEYJ100 10/J/(1/10W) R2403 ERJ3GEY0R00 0-ohm Jumper R2405 ERJ3GEYJ223 22K/J/(1/10W) R2406 ERJ3GEYJ223 22K/J/(1/10W) R2407 ERJ3GEY0R00 0-ohm Jumper R2410 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2414 ERJ3GEY0R00 0-ohm Jumper R2415 ERJ3GEY0R00 0-ohm Jumper R2421 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEYJ221 220/J/(1/10W) R2431 ERJ3GEYJ221 220/J/(1/10W) R2433 ERJ3GEYJ103 10K/J/(1/10W) <t< td=""><td></td><td></td><td>-</td></t<>			-
R2402 ERJ3GEYJ100 10 / J / (1/10W) R2403 ERJ3GEY0R00 0-ohm Jumper R2405 ERJ3GEYJ223 22K / J / (1/10W) R2406 ERJ3GEYJ223 22K / J / (1/10W) R2407 ERJ3GEY0R00 0-ohm Jumper R2410 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2414 ERJ3GEY0R00 0-ohm Jumper R2417 ERJ3GEY0R00 0-ohm Jumper R2418 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEYJ221 220 / J / (1/10W) R2431 ERJ3GEYJ221 220 / J / (1/10W) R2433 ERJ3GEYJ103 10K / J / (1/10W) <			
R2403 ERJ3GEY0R00 0-ohm Jumper R2405 ERJ3GEYJ223 22K / J / (1/10W) R2406 ERJ3GEYJ223 22K / J / (1/10W) R2407 ERJ3GEY0R00 0-ohm Jumper R2410 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2414 ERJ3GEY0R00 0-ohm Jumper R2417 ERJ3GEY0R00 0-ohm Jumper R2418 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEYJ0R00 0-ohm Jumper R2431 ERJ3GEYJ103 10K / J / (1/10W) R2434 ERJ3GEYJ103 10K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W)	R2401	ERJ3GEY0R00	
R2405 ERJ3GEYJ223 22K / J / (1/10W) R2406 ERJ3GEYJ223 22K / J / (1/10W) R2407 ERJ3GEY0R00 0-ohm Jumper R2410 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2414 ERJ3GEY0R00 0-ohm Jumper R2417 ERJ3GEY0R00 0-ohm Jumper R2418 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2431 ERJ3GEYJ221 220 / J / (1/10W) R2433 ERJ3GEYJ102 1K / J / (1/10W) R2434 ERJ3GEYJ103 10K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) <	R2402	ERJ3GEYJ100	10 / J / (1/10W)
R2406 ERJ3GEYJ223 22K / J / (1/10W) R2407 ERJ3GEY0R00 0-ohm Jumper R2410 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2414 ERJ3GEY0R00 0-ohm Jumper R2417 ERJ3GEY0R00 0-ohm Jumper R2418 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEYJ221 220 / J / (1/10W) R2431 ERJ3GEYJ221 220 / J / (1/10W) R2432 ERJ3GEYJ102 1K / J / (1/10W) R2433 ERJ3GEYJ103 10K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ103 10K / J / (1/10W) <	R2403	ERJ3GEY0R00	0-ohm Jumper
R2407 ERJ3GEY0R00 0-ohm Jumper R2410 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2414 ERJ3GEY0R00 0-ohm Jumper R2417 ERJ3GEY0R00 0-ohm Jumper R2418 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEYJ221 220 / J / (1/10W) R2431 ERJ3GEYJ221 220 / J / (1/10W) R2432 ERJ3GEYJ103 10K / J / (1/10W) R2433 ERJ3GEYJ103 10K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ103 10K / J / (1/10W)	R2405	ERJ3GEYJ223	22K / J / (1/10W)
R2410 ERJ3GEY0R00 0-ohm Jumper R2412 ERJ3GEY0R00 0-ohm Jumper R2414 ERJ3GEY0R00 0-ohm Jumper R2417 ERJ3GEY0R00 0-ohm Jumper R2418 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEYJ221 220 / J / (1/10W) R2431 ERJ3GEYJ221 220 / J / (1/10W) R2432 ERJ3GEYJ103 10K / J / (1/10W) R2434 ERJ3GEYJ103 10K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ103 10K / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W)	R2406	ERJ3GEYJ223	22K / J / (1/10W)
R2412 ERJ3GEY0R00 0-ohm Jumper R2414 ERJ3GEY0R00 0-ohm Jumper R2417 ERJ3GEY0R00 0-ohm Jumper R2418 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEY0R00 0-ohm Jumper R2431 ERJ3GEYJ221 220 / J / (1/10W) R2432 ERJ3GEYJ221 220 / J / (1/10W) R2433 ERJ3GEYJ102 1K / J / (1/10W) R2434 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ103 10K / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W)	R2407	ERJ3GEY0R00	0-ohm Jumper
R2414 ERJ3GEY0R00 0-ohm Jumper R2417 ERJ3GEY0R00 0-ohm Jumper R2418 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEYJ221 220 / J / (1/10W) R2431 ERJ3GEYJ221 220 / J / (1/10W) R2432 ERJ3GEYJ102 1K / J / (1/10W) R2434 ERJ3GEYJ103 10K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2410	ERJ3GEY0R00	0-ohm Jumper
R2417 ERJ3GEY0R00 0-ohm Jumper R2418 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEYJ221 220 / J / (1/10W) R2431 ERJ3GEYJ221 220 / J / (1/10W) R2432 ERJ3GEYJ102 1K / J / (1/10W) R2434 ERJ3GEYJ103 10K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2412	ERJ3GEY0R00	0-ohm Jumper
R2418 ERJ3GEY0R00 0-ohm Jumper R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEYJ221 220 / J / (1/10W) R2431 ERJ3GEYJ221 220 / J / (1/10W) R2432 ERJ3GEYJ102 1K / J / (1/10W) R2434 ERJ3GEYJ103 10K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2414	ERJ3GEY0R00	0-ohm Jumper
R2422 ERJ3GEY0R00 0-ohm Jumper R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEYJ221 220 / J / (1/10W) R2431 ERJ3GEYJ221 220 / J / (1/10W) R2432 ERJ3GEYJ102 1K / J / (1/10W) R2434 ERJ3GEYJ103 10K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2417	ERJ3GEY0R00	0-ohm Jumper
R2423 ERJ3GEY0R00 0-ohm Jumper R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEYJ221 220 / J / (1/10W) R2431 ERJ3GEYJ221 220 / J / (1/10W) R2432 ERJ3GEYJ102 1K / J / (1/10W) R2434 ERJ3GEYJ103 10K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2418	ERJ3GEY0R00	0-ohm Jumper
R2424 ERJ3GEY0R00 0-ohm Jumper R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEYJ221 220 / J / (1/10W) R2431 ERJ3GEYJ221 220 / J / (1/10W) R2433 ERJ3GEYJ682 6.8K / J / (1/10W) R2434 ERJ3GEYJ102 1K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ103 10K / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2422	ERJ3GEY0R00	0-ohm Jumper
R2425 ERJ3GEY0R00 0-ohm Jumper R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEY0R00 0-ohm Jumper R2431 ERJ3GEYJ221 220 / J / (1/10W) R2433 ERJ3GEYJ682 6.8K / J / (1/10W) R2434 ERJ3GEYJ102 1K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ103 10K / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2423	ERJ3GEY0R00	0-ohm Jumper
R2426 ERJ3GEY0R00 0-ohm Jumper R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEY0R00 0-ohm Jumper R2431 ERJ3GEYJ221 220 / J / (1/10W) R2433 ERJ3GEYJ682 6.8K / J / (1/10W) R2434 ERJ3GEYJ102 1K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ103 10K / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2424	ERJ3GEY0R00	0-ohm Jumper
R2427 ERJ3GEY0R00 0-ohm Jumper R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEY0R00 0-ohm Jumper R2431 ERJ3GEYJ221 220 / J / (1/10W) R2433 ERJ3GEYJ682 6.8K / J / (1/10W) R2434 ERJ3GEYJ102 1K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ220 22 / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2425	ERJ3GEY0R00	0-ohm Jumper
R2428 ERJ3GEY0R00 0-ohm Jumper R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEY0R00 0-ohm Jumper R2431 ERJ3GEYJ221 220 / J / (1/10W) R2433 ERJ3GEYJ682 6.8K / J / (1/10W) R2434 ERJ3GEYJ102 1K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ220 22 / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2426	ERJ3GEY0R00	0-ohm Jumper
R2429 ERJ3GEY0R00 0-ohm Jumper R2430 ERJ3GEY0R00 0-ohm Jumper R2431 ERJ3GEYJ221 220 / J / (1/10W) R2433 ERJ3GEYJ682 6.8K / J / (1/10W) R2434 ERJ3GEYJ102 1K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ220 22 / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2427	ERJ3GEY0R00	0-ohm Jumper
R2430 ERJ3GEY0R00 0-ohm Jumper R2431 ERJ3GEYJ221 220 / J / (1/10W) R2433 ERJ3GEYJ682 6.8K / J / (1/10W) R2434 ERJ3GEYJ102 1K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ220 22 / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2428	ERJ3GEY0R00	0-ohm Jumper
R2431 ERJ3GEYJ221 220 / J / (1/10W) R2433 ERJ3GEYJ682 6.8K / J / (1/10W) R2434 ERJ3GEYJ102 1K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ220 22 / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2429	ERJ3GEY0R00	0-ohm Jumper
R2433 ERJ3GEYJ682 6.8K / J / (1/10W) R2434 ERJ3GEYJ102 1K / J / (1/10W) R2435 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ220 22 / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2430	ERJ3GEY0R00	0-ohm Jumper
R2434 ERJ3GEYJ102 1K/J/(1/10W) R2435 ERJ3GEYJ103 10K/J/(1/10W) R2438 ERJ3GEYJ220 22/J/(1/10W) R2439 ERJ3GEYJ103 10K/J/(1/10W) R2440 ERJ3GEYJ103 10K/J/(1/10W) R2441 ERJ3GEYJ103 10K/J/(1/10W) R2442 ERJ3GEYJ103 10K/J/(1/10W)	R2431	ERJ3GEYJ221	220 / J / (1/10W)
R2435 ERJ3GEYJ103 10K / J / (1/10W) R2438 ERJ3GEYJ220 22 / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2433	ERJ3GEYJ682	6.8K / J / (1/10W)
R2438 ERJ3GEYJ220 22 / J / (1/10W) R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2434	ERJ3GEYJ102	1K / J / (1/10W)
R2439 ERJ3GEYJ103 10K / J / (1/10W) R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2435	ERJ3GEYJ103	10K / J / (1/10W)
R2440 ERJ3GEYJ103 10K / J / (1/10W) R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2438	ERJ3GEYJ220	22 / J / (1/10W)
R2441 ERJ3GEYJ103 10K / J / (1/10W) R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2439	ERJ3GEYJ103	10K / J / (1/10W)
R2442 ERJ3GEYJ103 10K / J / (1/10W)	R2440	ERJ3GEYJ103	10K / J / (1/10W)
	R2441	ERJ3GEYJ103	10K / J / (1/10W)
R2443 ERJ3GEY0R00 0-ohm Jumper	R2442	ERJ3GEYJ103	10K / J / (1/10W)
	R2443	ERJ3GEY0R00	0-ohm Jumper

R2444 ERJ3GEY0R00 0-ohm Jumper R2445 ERJ3GEYJ103 10K / J / (1/10W) R2446 ERJ3GEYJ103 10K / J / (1/10W) R2447 ERJ3GEYJ103 10K / J / (1/10W) R2448 ERJ3GEY0R00 0-ohm Jumper R2449 ERJ3GEY0R00 0-ohm Jumper R2450 ERJ3GEYJ103 10K / J / (1/10W) R2451 ERJ3GEYJ105 1000K / J / (1/10W) R2452 ERJ3GEYJ100 10 / J / (1/10W) R2453 ERJ3GEYJ103 10K / J / (1/10W) R2454 ERJ3GEYJ103 10K / J / (1/10W) R2455 ERJ3GEYJ104 100K / J / (1/10W) R2456 ERJ3GEYJ104 100K / J / (1/10W) R2457 ERJ3GEYJ100 0-ohm Jumper R2458 ERJ3GEYJ100 10 / J / (1/10W) R2460 ERJ3GEYJ100 10 / J / (1/10W) R2461 ERJ3GEY0R00 0-ohm Jumper R2462 ERJ3GEY0R00 0-ohm Jumper R2463 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ220			
R2446 ERJ3GEYJ103 10K / J / (1/10W) R2447 ERJ3GEYJ103 10K / J / (1/10W) R2448 ERJ3GEY0R00 0-ohm Jumper R2449 ERJ3GEYJ103 10K / J / (1/10W) R2450 ERJ3GEYJ105 1000K / J / (1/10W) R2451 ERJ3GEYJ100 10 / J / (1/10W) R2452 ERJ3GEYJ100 10 / J / (1/10W) R2453 ERJ3GEYJ103 10K / J / (1/10W) R2454 ERJ3GEYJ103 10K / J / (1/10W) R2455 ERJ3GEYJ104 100K / J / (1/10W) R2456 ERJ3GEYJ104 100K / J / (1/10W) R2457 ERJ3GEYJ100 10 / J / (1/10W) R2458 ERJ3GEYJ100 10 / J / (1/10W) R2459 ERJ3GEYJ100 10 / J / (1/10W) R2461 ERJ3GEY0R00 0-ohm Jumper R2462 ERJ3GEY0R00 0-ohm Jumper R2463 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ220 22 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3	R2444	ERJ3GEY0R00	0-ohm Jumper
R2447 ERJ3GEYJ103 10K / J / (1/10W) R2448 ERJ3GEY0R00 0-ohm Jumper R2449 ERJ3GEYJ103 10K / J / (1/10W) R2450 ERJ3GEYJ105 1000K / J / (1/10W) R2451 ERJ3GEYJ100 10 / J / (1/10W) R2452 ERJ3GEYJ100 10 / J / (1/10W) R2453 ERJ3GEYJ103 10K / J / (1/10W) R2454 ERJ3GEYJ103 10K / J / (1/10W) R2455 ERJ3GEYJ104 100K / J / (1/10W) R2456 ERJ3GEYJ104 100K / J / (1/10W) R2457 ERJ3GEYJ100 10 / J / (1/10W) R2458 ERJ3GEYJ100 10 / J / (1/10W) R2459 ERJ3GEYJ000 0-ohm Jumper R2460 ERJ3GEY0R00 0-ohm Jumper R2461 ERJ3GEY0R00 0-ohm Jumper R2462 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEY	R2445	ERJ3GEYJ103	10K / J / (1/10W)
R2448 ERJ3GEY0R00 0-ohm Jumper R2449 ERJ3GEYJ103 10K / J / (1/10W) R2450 ERJ3GEYJ105 1000K / J / (1/10W) R2451 ERJ3GEYJ100 10 / J / (1/10W) R2452 ERJ3GEYJ100 10 / J / (1/10W) R2453 ERJ3GEYJ103 10K / J / (1/10W) R2454 ERJ3GEYJ103 10K / J / (1/10W) R2455 ERJ3EKF6201V 6.2K / F / (1/16W) R2456 ERJ3GEYJ104 100K / J / (1/10W) R2457 ERJ3GEYJ100 10 / J / (1/10W) R2458 ERJ3GEYJ100 10 / J / (1/10W) R2459 ERJ3GEYOR00 0-ohm Jumper R2460 ERJ3GEYJ100 10 / J / (1/10W) R2461 ERJ3GEY0R00 0-ohm Jumper R2462 ERJ3GEY0R00 0-ohm Jumper R2463 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ220 22 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ	R2446	ERJ3GEYJ103	10K / J / (1/10W)
R2449 ERJ3GEY0R00 0-ohm Jumper R2450 ERJ3GEYJ103 10K / J / (1/10W) R2451 ERJ3GEYJ105 1000K / J / (1/10W) R2452 ERJ3GEYJ100 10 / J / (1/10W) R2453 ERJ3GEYDR00 0-ohm Jumper R2454 ERJ3GEYJ103 10K / J / (1/10W) R2455 ERJ3GEYJ104 100K / J / (1/10W) R2456 ERJ3GEYJ104 100K / J / (1/10W) R2457 ERJ3GEYOR00 0-ohm Jumper R2458 ERJ3GEYJ100 10 / J / (1/10W) R2459 ERJ3GEYJ100 10 / J / (1/10W) R2460 ERJ3GEYOR00 0-ohm Jumper R2461 ERJ3GEY0R00 0-ohm Jumper R2462 ERJ3GEY0R00 0-ohm Jumper R2463 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ220 22 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ100	R2447	ERJ3GEYJ103	10K / J / (1/10W)
R2450 ERJ3GEYJ103 10K / J / (1/10W) R2451 ERJ3GEYJ105 1000K / J / (1/10W) R2452 ERJ3GEYJ100 10 / J / (1/10W) R2453 ERJ3GEYOR00 0-ohm Jumper R2454 ERJ3GEYJ103 10K / J / (1/10W) R2455 ERJ3GEYJ104 100K / J / (1/10W) R2456 ERJ3GEYJ104 100K / J / (1/10W) R2457 ERJ3GEYOR00 0-ohm Jumper R2458 ERJ3GEYJ100 10 / J / (1/10W) R2459 ERJ3GEYJ100 10 / J / (1/10W) R2460 ERJ3GEYJ100 10 / J / (1/10W) R2461 ERJ3GEYOR00 0-ohm Jumper R2462 ERJ3GEYOR00 0-ohm Jumper R2463 ERJ3GEYOR00 0-ohm Jumper R2464 ERJ3GEYOR00 0-ohm Jumper R2465 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ221 220 / J / (1/10W) R2568 ERJ3GEYJ221 220 / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ100 10 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2448	ERJ3GEY0R00	0-ohm Jumper
R2451 ERJ3GEYJ105 1000K / J / (1/10W) R2452 ERJ3GEYJ100 10 / J / (1/10W) R2453 ERJ3GEYOR00 0-ohm Jumper R2454 ERJ3GEYJ103 10K / J / (1/10W) R2455 ERJ3EKF6201V 6.2K / F / (1/16W) R2456 ERJ3GEYJ104 100K / J / (1/10W) R2457 ERJ3GEYOR00 0-ohm Jumper R2458 ERJ3GEYJ100 10 / J / (1/10W) R2459 ERJ3GEYOR00 0-ohm Jumper R2460 ERJ3GEYJ100 10 / J / (1/10W) R2461 ERJ3GEYOR00 0-ohm Jumper R2462 ERJ3GEYOR00 0-ohm Jumper R2463 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ472 4.7K / J / (1/10W) R2567 ERJ3GEYJ472 4.7K / J / (1/10W) R2570 ERJ3GEYJ100 10 / J / (1/10W) R2571 ERJ3GEYJ1	R2449	ERJ3GEY0R00	0-ohm Jumper
R2452 ERJ3GEYJ100 10 / J / (1/10W) R2453 ERJ3GEY0R00 0-ohm Jumper R2454 ERJ3GEYJ103 10K / J / (1/10W) R2455 ERJ3EKF6201V 6.2K / F / (1/16W) R2456 ERJ3GEYJ104 100K / J / (1/10W) R2457 ERJ3GEYOR00 0-ohm Jumper R2458 ERJ3GEYJ100 10 / J / (1/10W) R2459 ERJ3GEYJ100 10 / J / (1/10W) R2460 ERJ3GEYJ100 10 / J / (1/10W) R2461 ERJ3GEYOR00 0-ohm Jumper R2462 ERJ3GEYOR00 0-ohm Jumper R2463 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ472 4.7K / J / (1/10W) R2567 ERJ3GEYJ472 4.7K / J / (1/10W) R2570 ERJ3GEYJ100 10 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ	R2450	ERJ3GEYJ103	10K / J / (1/10W)
R2453 ERJ3GEY0R00 0-ohm Jumper R2454 ERJ3GEYJ103 10K / J / (1/10W) R2455 ERJ3EKF6201V 6.2K / F / (1/16W) R2456 ERJ3GEYJ104 100K / J / (1/10W) R2457 ERJ3GEYOR00 0-ohm Jumper R2458 ERJ3GEYJ100 10 / J / (1/10W) R2459 ERJ3GEYOR00 0-ohm Jumper R2460 ERJ3GEYJ100 10 / J / (1/10W) R2461 ERJ3GEYOR00 0-ohm Jumper R2462 ERJ3GEYOR00 0-ohm Jumper R2463 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ472 4.7K / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2570 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100	R2451	ERJ3GEYJ105	1000K / J / (1/10W)
R2454 ERJ3GEYJ103 10K/J/(1/10W) R2455 ERJ3EKF6201V 6.2K/F/(1/16W) R2456 ERJ3GEYJ104 100K/J/(1/10W) R2457 ERJ3GEYOR00 0-ohm Jumper R2458 ERJ3GEYJ100 10/J/(1/10W) R2459 ERJ3GEYOR00 0-ohm Jumper R2460 ERJ3GEYJ100 10/J/(1/10W) R2461 ERJ3GEYOR00 0-ohm Jumper R2464 ERJ3GEYOR00 0-ohm Jumper R2466 ERJ3GEYOR00 0-ohm Jumper R2467 ERJ3GEYOR00 0-ohm Jumper R2468 ERJ3GEYJ220 22/J/(1/10W) R2563 ERJ3GEYJ221 220/J/(1/10W) R2564 ERJ3GEYJ221 220/J/(1/10W) R2565 ERJ3GEYJ221 220/J/(1/10W) R2566 ERJ3GEYJ221 220/J/(1/10W) R2567 ERJ3GEYJ221 220/J/(1/10W) R2568 ERJ3GEYJ221 4.7K/J/(1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ100 10/J/(1/10W) R2571 ERJ3GEYJ100 10/J/(1/10W) R2573 ERJ3GEYJ100 10/J/(1/10W) R2575 ERJ3GEYJ100 10/J/(1/10W) R2576 ERJ3GEYJ100 10/J/(1/10W) R2575 ERJ3GEYJ100 10/J/(1/10W) R2576 ERJ3GEYJ100 10/J/(1/10W) R2577 ERJ3GEYJ100 10/J/(1/10W)	R2452	ERJ3GEYJ100	10 / J / (1/10W)
R2455 ERJ3EKF6201V 6.2K/F/(1/16W) R2456 ERJ3GEYJ104 100K/J/(1/10W) R2457 ERJ3GEYOR00 0-ohm Jumper R2458 ERJ3GEYJ100 10/J/(1/10W) R2459 ERJ3GEYJ100 0-ohm Jumper R2460 ERJ3GEYJ100 10/J/(1/10W) R2461 ERJ3GEY0R00 0-ohm Jumper R2464 ERJ3GEY0R00 0-ohm Jumper R2465 ERJ3GEYJ220 22/J/(1/10W) R2466 ERJ3GEYJ221 220/J/(1/10W) R2563 ERJ3GEYJ221 220/J/(1/10W) R2564 ERJ3GEYJ221 220/J/(1/10W) R2565 ERJ3GEYJ221 220/J/(1/10W) R2566 ERJ3GEYJ472 4.7K/J/(1/10W) R2567 ERJ3GEYJ472 4.7K/J/(1/10W) R2568 ERJ3GEYJ220 22/J/(1/10W) R2570 ERJ3GEYJ220 22/J/(1/10W) R2571 ERJ3GEYJ100 10/J/(1/10W) R2572 ERJ3GEYJ100 10/J/(1/10W) R2574 ERJ3GEYJ100 10/J/(1/10W)	R2453	ERJ3GEY0R00	0-ohm Jumper
R2456 ERJ3GEYJ104 100K / J / (1/10W) R2457 ERJ3GEY0R00 0-ohm Jumper R2458 ERJ3GEYJ100 10 / J / (1/10W) R2459 ERJ3GEYJ100 0-ohm Jumper R2460 ERJ3GEY0R00 0-ohm Jumper R2461 ERJ3GEY0R00 0-ohm Jumper R2464 ERJ3GEY0R00 0-ohm Jumper R2465 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ221 220 / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ100 10 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10	R2454	ERJ3GEYJ103	10K / J / (1/10W)
R2457 ERJ3GEY0R00 0-ohm Jumper R2458 ERJ3GEYJ100 10 / J / (1/10W) R2459 ERJ3GEY0R00 0-ohm Jumper R2460 ERJ3GEY0R00 10 / J / (1/10W) R2461 ERJ3GEY0R00 0-ohm Jumper R2464 ERJ3GEY0R00 0-ohm Jumper R2465 ERJ3GEYJ220 0-ohm Jumper R2468 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ472 4.7K / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ100 10 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10	R2455	ERJ3EKF6201V	6.2K / F / (1/16W)
R2458 ERJ3GEYJ100 10 / J / (1/10W) R2459 ERJ3GEY0R00 0-ohm Jumper R2460 ERJ3GEYJ100 10 / J / (1/10W) R2461 ERJ3GEY0R00 0-ohm Jumper R2464 ERJ3GEY0R00 0-ohm Jumper R2466 ERJ3GEYJ200 0-ohm Jumper R2467 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ472 4.7K / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ100 10 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 <td< td=""><td>R2456</td><td>ERJ3GEYJ104</td><td>100K / J / (1/10W)</td></td<>	R2456	ERJ3GEYJ104	100K / J / (1/10W)
R2459 ERJ3GEY0R00 0-ohm Jumper R2460 ERJ3GEYJ100 10 / J / (1/10W) R2461 ERJ3GEY0R00 0-ohm Jumper R2464 ERJ3GEY0R00 0-ohm Jumper R2466 ERJ3GEY0R00 0-ohm Jumper R2467 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ472 4.7K / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ100 10 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W)	R2457	ERJ3GEY0R00	0-ohm Jumper
R2460 ERJ3GEYJ100 10 / J / (1/10W) R2461 ERJ3GEY0R00 0-ohm Jumper R2464 ERJ3GEY0R00 0-ohm Jumper R2466 ERJ3GEY0R00 0-ohm Jumper R2467 ERJ3GEYJ200 0-ohm Jumper R2468 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ472 4.7K / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2570 ERJ3GEYJ220 22 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2458	ERJ3GEYJ100	10 / J / (1/10W)
R2461 ERJ3GEY0R00 0-ohm Jumper R2464 ERJ3GEY0R00 0-ohm Jumper R2466 ERJ3GEY0R00 0-ohm Jumper R2467 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ472 4.7K / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2459	ERJ3GEY0R00	0-ohm Jumper
R2464 ERJ3GEY0R00 0-ohm Jumper R2466 ERJ3GEY0R00 0-ohm Jumper R2467 ERJ3GEY0R00 0-ohm Jumper R2468 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ472 4.7K / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ100 10 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2460	ERJ3GEYJ100	10 / J / (1/10W)
R2466 ERJ3GEY0R00 0-ohm Jumper R2467 ERJ3GEY0R00 0-ohm Jumper R2468 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ221 220 / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ220 22 / J / (1/10W) R2571 ERJ3GEYJ200 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2461	ERJ3GEY0R00	0-ohm Jumper
R2467 ERJ3GEY0R00 0-ohm Jumper R2468 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ472 4.7K / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ220 22 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2464	ERJ3GEY0R00	0-ohm Jumper
R2468 ERJ3GEYJ220 22 / J / (1/10W) R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ221 220 / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ220 22 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2466	ERJ3GEY0R00	0-ohm Jumper
R2563 ERJ3GEYJ221 220 / J / (1/10W) R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ472 4.7K / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ220 22 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2467	ERJ3GEY0R00	0-ohm Jumper
R2564 ERJ3GEYJ221 220 / J / (1/10W) R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ472 4.7K / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ220 22 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2468	ERJ3GEYJ220	22 / J / (1/10W)
R2565 ERJ3GEYJ221 220 / J / (1/10W) R2566 ERJ3GEYJ221 220 / J / (1/10W) R2567 ERJ3GEYJ472 4.7K / J / (1/10W) R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ220 22 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2563	ERJ3GEYJ221	220 / J / (1/10W)
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R2568 ERJ3GEYJ472 4.7K / J / (1/10W) R2569 D4FB1R25A005 Poly Switch R2570 ERJ3GEYJ220 22 / J / (1/10W) R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2566	ERJ3GEYJ221	220 / J / (1/10W)
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R2571 ERJ3GEYJ100 10 / J / (1/10W) R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2569	D4FB1R25A005	Poly Switch
R2572 ERJ3GEYJ100 10 / J / (1/10W) R2573 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2570	ERJ3GEYJ220	22 / J / (1/10W)
R2573 ERJ3GEYJ100 10 / J / (1/10W) R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2571	ERJ3GEYJ100	10 / J / (1/10W)
R2574 ERJ3GEYJ100 10 / J / (1/10W) R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2572	ERJ3GEYJ100	10 / J / (1/10W)
R2575 ERJ3GEYJ100 10 / J / (1/10W) R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2573	ERJ3GEYJ100	10 / J / (1/10W)
R2576 ERJ3GEYJ100 10 / J / (1/10W) R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2574	ERJ3GEYJ100	10 / J / (1/10W)
R2577 ERJ3GEYJ100 10 / J / (1/10W)	R2575	ERJ3GEYJ100	10 / J / (1/10W)
	R2576	ERJ3GEYJ100	10 / J / (1/10W)
D2570 ED126EVI100 10/1//1/2000	R2577	ERJ3GEYJ100	10 / J / (1/10W)
K25/8 EKJ3GEYJ100 10/J/(1/10W)	R2578	ERJ3GEYJ100	10 / J / (1/10W)
R2579 ERJ3GEYJ220 22 / J / (1/10W)	R2579	ERJ3GEYJ220	22 / J / (1/10W)

R2581 ERJ3GEYJ220 22 / J / (1/10W) R2582 ERJ3GEYJ220 22 / J / (1/10W) R2583 ERJ3GEYJ100 10 / J / (1/10W) R2584 ERJ3GEYJ100 10 / J / (1/10W) R2585 ERJ3GEYJ100 10 / J / (1/10W) R2586 ERJ3GEYOR00 0-ohm Jumper R2587 ERJ3GEYOR00 0-ohm Jumper R2588 ERJ3GEYOR00 0-ohm Jumper R2590 ERJ3GEYJ220 0 -ohm Jumper R2591 ERJ3GEYJ220 22 / J / (1/10W) R2592 ERJ3GEYJ220 22 / J / (1/10W) R2593 ERJ3GEYJ220 22 / J / (1/10W) R2594 ERJ3GEYJ220 22 / J / (1/10W) R2595 ERJ3GEYJ220 22 / J / (1/10W) R2596 ERJ3GEYJ220 22 / J / (1/10W) R2597 ERJ3GEYJ220 22 / J / (1/10W) R2598 ERJ3GEYJ220 22 / J / (1/10W) R2600 ERJ3GEYJ220 22 / J / (1/10W) R2601 ERJ3GEYJ220 22 / J / (1/10W) R2602 ERJ3GEYJ220			
R2583 ERJ3GEYJ100 10 / J / (1/10W) R2584 ERJ3GEYJ100 10 / J / (1/10W) R2585 ERJ3GEYJ100 10 / J / (1/10W) R2586 ERJ3GEYOR00 0-ohm Jumper R2587 ERJ3GEYOR00 0-ohm Jumper R2588 ERJ3GEYOR00 0-ohm Jumper R2590 ERJ3GEYOR00 0-ohm Jumper R2591 ERJ3GEYJ220 22 / J / (1/10W) R2592 ERJ3GEYJ220 22 / J / (1/10W) R2593 ERJ3GEYJ220 22 / J / (1/10W) R2594 ERJ3GEYJ220 22 / J / (1/10W) R2595 ERJ3GEYJ220 22 / J / (1/10W) R2596 ERJ3GEYJ220 22 / J / (1/10W) R2597 ERJ3GEYJ220 22 / J / (1/10W) R2598 ERJ3GEYJ220 22 / J / (1/10W) R2599 ERJ3GEYJ220 22 / J / (1/10W) R2600 ERJ3GEYJ220 22 / J / (1/10W) R2601 ERJ3GEYJ220 22 / J / (1/10W) R2602 ERJ3GEYJ220 22 / J / (1/10W) R2603 ERJ3GEYJ220	R2581	ERJ3GEYJ220	22 / J / (1/10W)
R2584 ERJ3GEYJ100 10/J/(1/10W) R2585 ERJ3GEYJ100 10/J/(1/10W) R2586 ERJ3GEY0R00 0-ohm Jumper R2587 ERJ3GEY0R00 0-ohm Jumper R2588 ERJ3GEY0R00 0-ohm Jumper R2589 ERJ3GEY0R00 0-ohm Jumper R2590 ERJ3GEYJ220 22/J/(1/10W) R2591 ERJ3GEYJ220 22/J/(1/10W) R2592 ERJ3GEYJ220 22/J/(1/10W) R2593 ERJ3GEYJ220 22/J/(1/10W) R2594 ERJ3GEYJ220 22/J/(1/10W) R2595 ERJ3GEYJ220 22/J/(1/10W) R2596 ERJ3GEYJ220 22/J/(1/10W) R2597 ERJ3GEYJ220 22/J/(1/10W) R2598 ERJ3GEYJ220 22/J/(1/10W) R2600 ERJ3GEYJ220 22/J/(1/10W) R2601 ERJ3GEYJ220 22/J/(1/10W) R2602 ERJ3GEYJ220 22/J/(1/10W) R2603 ERJ3GEYJ220 22/J/(1/10W) R2604 ERJ3GEYJ220 22/J/(1/10W) R26	R2582	ERJ3GEYJ220	22 / J / (1/10W)
R2585 ERJ3GEYJ100 10/J/(1/10W) R2586 ERJ3GEY0R00 0-ohm Jumper R2587 ERJ3GEY0R00 0-ohm Jumper R2588 ERJ3GEY0R00 0-ohm Jumper R2589 ERJ3GEY0R00 0-ohm Jumper R2590 ERJ3GEYJ220 0-ohm Jumper R2591 ERJ3GEYJ220 22/J/(1/10W) R2592 ERJ3GEYJ220 22/J/(1/10W) R2593 ERJ3GEYJ220 22/J/(1/10W) R2594 ERJ3GEYJ220 22/J/(1/10W) R2595 ERJ3GEYJ220 22/J/(1/10W) R2596 ERJ3GEYJ220 22/J/(1/10W) R2597 ERJ3GEYJ220 22/J/(1/10W) R2598 ERJ3GEYJ220 22/J/(1/10W) R2600 ERJ3GEYJ220 22/J/(1/10W) R2601 ERJ3GEYJ220 22/J/(1/10W) R2602 ERJ3GEYJ220 22/J/(1/10W) R2603 ERJ3GEYJ220 22/J/(1/10W) R2604 ERJ3GEYJ220 22/J/(1/10W) R2605 ERJ3GEYJ200 10/J/(1/10W) R26	R2583	ERJ3GEYJ100	10 / J / (1/10W)
R2586 ERJ3GEY0R00 0-ohm Jumper R2587 ERJ3GEY0R00 0-ohm Jumper R2588 ERJ3GEY0R00 0-ohm Jumper R2589 ERJ3GEY0R00 0-ohm Jumper R2590 ERJ3GEY0R00 0-ohm Jumper R2591 ERJ3GEY1220 22 / J / (1/10W) R2592 ERJ3GEY1220 22 / J / (1/10W) R2593 ERJ3GEY1220 22 / J / (1/10W) R2594 ERJ3GEY1220 22 / J / (1/10W) R2595 ERJ3GEY1220 22 / J / (1/10W) R2596 ERJ3GEY1220 22 / J / (1/10W) R2597 ERJ3GEY1220 22 / J / (1/10W) R2598 ERJ3GEY1220 22 / J / (1/10W) R2600 ERJ3GEY1220 22 / J / (1/10W) R2601 ERJ3GEY1220 22 / J / (1/10W) R2602 ERJ3GEY1220 22 / J / (1/10W) R2603 ERJ3GEY1220 22 / J / (1/10W) R2604 ERJ3GEY1220 22 / J / (1/10W) R2605 ERJ3GEY1220 22 / J / (1/10W) R2606 ERJ3GEY1200	R2584	ERJ3GEYJ100	10 / J / (1/10W)
R2587 ERJ3GEY0R00 0-ohm Jumper R2588 ERJ3GEY0R00 0-ohm Jumper R2590 ERJ3GEY0R00 0-ohm Jumper R2591 ERJ3GEY0R00 0-ohm Jumper R2592 ERJ3GEY1220 22/J/(1/10W) R2593 ERJ3GEY1220 22/J/(1/10W) R2594 ERJ3GEY1220 22/J/(1/10W) R2595 ERJ3GEY1220 22/J/(1/10W) R2596 ERJ3GEY1220 22/J/(1/10W) R2597 ERJ3GEY1220 22/J/(1/10W) R2598 ERJ3GEY1220 22/J/(1/10W) R2599 ERJ3GEY1220 22/J/(1/10W) R2600 ERJ3GEY1220 22/J/(1/10W) R2601 ERJ3GEY1220 22/J/(1/10W) R2602 ERJ3GEY1220 22/J/(1/10W) R2603 ERJ3GEY1220 22/J/(1/10W) R2604 ERJ3GEY1220 22/J/(1/10W) R2605 ERJ3GEY1220 22/J/(1/10W) R2606 ERJ3GEY1220 22/J/(1/10W) R2607 ERJ3GEY1220 22/J/(1/10W) R2608 ERJ3GEY1220 22/J/(1/10W) R2609 ERJ3GEY120 22/J/(1/10W) R2610 ERJ3GEY1100 10/J/(1/10W) R2611 ERJ3GEYJ100 10/J/(1/10W) R2612 ERJ3GEYJ100 10/J/(1/10W) R2613 ERJ3GEYJ100 10/J/(1/10W) R2614 ERJ3GEYJ100 10/J/(1/10W) R2615 ERJ3GEYJ100 10/J/(1/10W) R2616 ERJ3GEYJ100 10/J/(1/10W) R2617 ERJ3GEYJ100 10/J/(1/10W) R2618 ERJ3GEYJ220 22/J/(1/10W) R2619 ERJ3GEYJ220 22/J/(1/10W) R2619 ERJ3GEYJ220 22/J/(1/10W) R2619 ERJ3GEYJ220 22/J/(1/10W) R2619 ERJ3GEYJ220 22/J/(1/10W)	R2585	ERJ3GEYJ100	10 / J / (1/10W)
R2588 ERJ3GEY0R00 0-ohm Jumper R2589 ERJ3GEY0R00 0-ohm Jumper R2590 ERJ3GEY0R00 0-ohm Jumper R2591 ERJ3GEYJ220 22 / J / (1/10W) R2592 ERJ3GEYJ220 22 / J / (1/10W) R2593 ERJ3GEYJ220 22 / J / (1/10W) R2594 ERJ3GEYJ220 22 / J / (1/10W) R2595 ERJ3GEYJ220 22 / J / (1/10W) R2596 ERJ3GEYJ220 22 / J / (1/10W) R2597 ERJ3GEYJ220 22 / J / (1/10W) R2598 ERJ3GEYJ220 22 / J / (1/10W) R2599 ERJ3GEYJ220 22 / J / (1/10W) R2600 ERJ3GEYJ220 22 / J / (1/10W) R2601 ERJ3GEYJ220 22 / J / (1/10W) R2602 ERJ3GEYJ220 22 / J / (1/10W) R2603 ERJ3GEYJ220 22 / J / (1/10W) R2604 ERJ3GEYJ220 22 / J / (1/10W) R2605 ERJ3GEYJ100 10 / J / (1/10W) R2608 ERJ3GEYJ100 10 / J / (1/10W) R2610 ERJ3GEYJ100	R2586	ERJ3GEY0R00	0-ohm Jumper
R2589 ERJ3GEY0R00 0-ohm Jumper R2590 ERJ3GEY0R00 0-ohm Jumper R2591 ERJ3GEYJ220 22 / J / (1/10W) R2592 ERJ3GEYJ220 22 / J / (1/10W) R2593 ERJ3GEYJ220 22 / J / (1/10W) R2594 ERJ3GEYJ220 22 / J / (1/10W) R2595 ERJ3GEYJ220 22 / J / (1/10W) R2596 ERJ3GEYJ220 22 / J / (1/10W) R2597 ERJ3GEYJ220 22 / J / (1/10W) R2598 ERJ3GEYJ220 22 / J / (1/10W) R2600 ERJ3GEYJ220 22 / J / (1/10W) R2601 ERJ3GEYJ220 22 / J / (1/10W) R2602 ERJ3GEYJ220 22 / J / (1/10W) R2603 ERJ3GEYJ220 22 / J / (1/10W) R2604 ERJ3GEYJ220 22 / J / (1/10W) R2605 ERJ3GEYJ220 22 / J / (1/10W) R2606 ERJ3GEYJ220 22 / J / (1/10W) R2607 ERJ3GEYJ100 10 / J / (1/10W) R2610 ERJ3GEYJ100 10 / J / (1/10W) R2611 ERJ3GEYJ100 10 / J / (1/10W) R2612 ERJ3GEYJ100	R2587	ERJ3GEY0R00	0-ohm Jumper
R2590 ERJ3GEY0R00 0-ohm Jumper R2591 ERJ3GEY0R00 0-ohm Jumper R2592 ERJ3GEYJ220 22 / J / (1/10W) R2593 ERJ3GEYJ220 22 / J / (1/10W) R2594 ERJ3GEYJ220 22 / J / (1/10W) R2595 ERJ3GEYJ220 22 / J / (1/10W) R2596 ERJ3GEYJ220 22 / J / (1/10W) R2597 ERJ3GEYJ220 22 / J / (1/10W) R2598 ERJ3GEYJ220 22 / J / (1/10W) R2599 ERJ3GEYJ220 22 / J / (1/10W) R2600 ERJ3GEYJ220 22 / J / (1/10W) R2601 ERJ3GEYJ220 22 / J / (1/10W) R2602 ERJ3GEYJ220 22 / J / (1/10W) R2603 ERJ3GEYJ220 22 / J / (1/10W) R2604 ERJ3GEYJ220 22 / J / (1/10W) R2605 ERJ3GEYJ220 22 / J / (1/10W) R2607 ERJ3GEYJ100 10 / J / (1/10W) R2610 ERJ3GEYJ100 10 / J / (1/10W) R2611 ERJ3GEYJ100 10 / J / (1/10W) R2612 ERJ3GEYJ100 </td <td>R2588</td> <td>ERJ3GEY0R00</td> <td>0-ohm Jumper</td>	R2588	ERJ3GEY0R00	0-ohm Jumper
R2591 ERJ3GEY0R00 0-ohm Jumper R2592 ERJ3GEYJ220 22/J/(1/10W) R2593 ERJ3GEYJ220 22/J/(1/10W) R2594 ERJ3GEYJ220 22/J/(1/10W) R2595 ERJ3GEYJ220 22/J/(1/10W) R2596 ERJ3GEYJ220 22/J/(1/10W) R2597 ERJ3GEYJ220 22/J/(1/10W) R2598 ERJ3GEYJ220 22/J/(1/10W) R2599 ERJ3GEYJ220 22/J/(1/10W) R2600 ERJ3GEYJ220 22/J/(1/10W) R2601 ERJ3GEYJ220 22/J/(1/10W) R2602 ERJ3GEYJ220 22/J/(1/10W) R2603 ERJ3GEYJ220 22/J/(1/10W) R2604 ERJ3GEYJ220 22/J/(1/10W) R2605 ERJ3GEYJ220 22/J/(1/10W) R2606 ERJ3GEYJ220 22/J/(1/10W) R2607 ERJ3GEYJ220 22/J/(1/10W) R2608 ERJ3GEYJ200 22/J/(1/10W) R2609 ERJ3GEYJ100 10/J/(1/10W) R2610 ERJ3GEYJ100 10/J/(1/10W) R2611 ERJ3GEYJ100 10/J/(1/10W) R2612 ERJ3GEYJ100 10/J/(1/10W) R2613 ERJ3GEYJ100 10/J/(1/10W) R2614 ERJ3GEYJ100 10/J/(1/10W) R2615 ERJ3GEYJ100 10/J/(1/10W) R2616 ERJ3GEYJ100 10/J/(1/10W) R2617 ERJ3GEYJ100 10/J/(1/10W) R2618 ERJ3GEYJ220 22/J/(1/10W) R2619 ERJ3GEYJ220 22/J/(1/10W) R2619 ERJ3GEYJ220 22/J/(1/10W) R2619 ERJ3GEYJ103 10K/J/(1/10W)	R2589	ERJ3GEY0R00	0-ohm Jumper
R2592 ERJ3GEYJ220 22/J/(1/10W) R2593 ERJ3GEYJ220 22/J/(1/10W) R2594 ERJ3GEYJ220 22/J/(1/10W) R2595 ERJ3GEYJ220 22/J/(1/10W) R2596 ERJ3GEYJ220 22/J/(1/10W) R2597 ERJ3GEYJ220 22/J/(1/10W) R2598 ERJ3GEYJ220 22/J/(1/10W) R2599 ERJ3GEYJ220 22/J/(1/10W) R2600 ERJ3GEYJ220 22/J/(1/10W) R2601 ERJ3GEYJ220 22/J/(1/10W) R2602 ERJ3GEYJ220 22/J/(1/10W) R2603 ERJ3GEYJ220 22/J/(1/10W) R2604 ERJ3GEYJ220 22/J/(1/10W) R2606 ERJ3GEYJ220 22/J/(1/10W) R2607 ERJ3GEYJ220 22/J/(1/10W) R2608 ERJ3GEYJ20 22/J/(1/10W) R2609 ERJ3GEYJ100 10/J/(1/10W) R2610 ERJ3GEYJ100 10/J/(1/10W) R2611 ERJ3GEYJ100 10/J/(1/10W) R2612 ERJ3GEYJ100 10/J/(1/10W) R2613 ERJ3GEYJ100 10/J/(1/10W) R2614 ERJ3GEYJ100 10/J/(1/10W) R2615 ERJ3GEYJ100 10/J/(1/10W) R2616 ERJ3GEYJ220 22/J/(1/10W) R2618 ERJ3GEYJ220 22/J/(1/10W) R2619 ERJ3GEYJ220 22/J/(1/10W) R2619 ERJ3GEYJ103 10K/J/(1/10W)	R2590	ERJ3GEY0R00	0-ohm Jumper
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R2594 ERJ3GEYJ220 22/J/(1/10W) R2595 ERJ3GEYJ220 22/J/(1/10W) R2596 ERJ3GEYJ220 22/J/(1/10W) R2597 ERJ3GEYJ220 22/J/(1/10W) R2598 ERJ3GEYJ220 22/J/(1/10W) R2599 ERJ3GEYJ220 22/J/(1/10W) R2600 ERJ3GEYJ220 22/J/(1/10W) R2601 ERJ3GEYJ220 22/J/(1/10W) R2602 ERJ3GEYJ220 22/J/(1/10W) R2603 ERJ3GEYJ220 22/J/(1/10W) R2604 ERJ3GEYJ220 22/J/(1/10W) R2606 ERJ3GEYJ220 22/J/(1/10W) R2607 ERJ3GEYJ220 22/J/(1/10W) R2608 ERJ3GEYJ220 22/J/(1/10W) R2609 ERJ3GEYJ100 10/J/(1/10W) R2610 ERJ3GEYJ100 10/J/(1/10W) R2611 ERJ3GEYJ100 10/J/(1/10W) R2612 ERJ3GEYJ100 10/J/(1/10W) R2613 ERJ3GEYJ100 10/J/(1/10W) R2614 ERJ3GEYJ100 10/J/(1/10W) R2615 ERJ3GEYJ100 10/J/(1/10W) R2616 ERJ3GEYJ220 22/J/(1/10W) R2617 ERJ3GEYJ100 10/J/(1/10W) R2618 ERJ3GEYJ220 22/J/(1/10W) R2619 ERJ3GEYJ220 22/J/(1/10W) R2619 ERJ3GEYJ100 10/J/(1/10W)	R2592	ERJ3GEYJ220	22 / J / (1/10W)
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R2601 ERJ3GEYJ220 22 / J / (1/10W) R2602 ERJ3GEYJ220 22 / J / (1/10W) R2603 ERJ3GEYJ220 22 / J / (1/10W) R2604 ERJ3GEYJ220 22 / J / (1/10W) R2606 ERJ3GEYJ220 22 / J / (1/10W) R2607 ERJ3GEYJ220 22 / J / (1/10W) R2608 ERJ3GEYJ100 10 / J / (1/10W) R2609 ERJ3GEYJ100 10 / J / (1/10W) R2610 ERJ3GEYJ100 10 / J / (1/10W) R2611 ERJ3GEYJ100 10 / J / (1/10W) R2612 ERJ3GEYJ100 10 / J / (1/10W) R2613 ERJ3GEYJ100 10 / J / (1/10W) R2614 ERJ3GEYJ100 10 / J / (1/10W) R2615 ERJ3GEYJ220 22 / J / (1/10W) R2616 ERJ3GEYJ220 22 / J / (1/10W) R2618 ERJ3GEYJ220 22 / J / (1/10W) R2619 ERJ3GEYJ103 10K / J / (1/10W) R2620 ERJ3GEYJ103 10K / J / (1/10W)	R2599	ERJ3GEYJ220	22 / J / (1/10W)
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R2607 ERJ3GEYJ220 22 / J / (1/10W) R2608 ERJ3GEYJ100 10 / J / (1/10W) R2609 ERJ3GEYJ100 10 / J / (1/10W) R2610 ERJ3GEYJ100 10 / J / (1/10W) R2611 ERJ3GEYJ100 10 / J / (1/10W) R2612 ERJ3GEYJ100 10 / J / (1/10W) R2613 ERJ3GEYJ100 10 / J / (1/10W) R2614 ERJ3GEYJ100 10 / J / (1/10W) R2615 ERJ3GEYJ100 10 / J / (1/10W) R2616 ERJ3GEYJ220 22 / J / (1/10W) R2618 ERJ3GEYJ220 22 / J / (1/10W) R2619 ERJ3GEYJ103 10K / J / (1/10W) R2620 ERJ3GEYJ103 10K / J / (1/10W)	R2604	ERJ3GEYJ220	22 / J / (1/10W)
R2608 ERJ3GEYJ100 10 / J / (1/10W) R2609 ERJ3GEYJ100 10 / J / (1/10W) R2610 ERJ3GEYJ100 10 / J / (1/10W) R2611 ERJ3GEYJ100 10 / J / (1/10W) R2612 ERJ3GEYJ100 10 / J / (1/10W) R2613 ERJ3GEYJ100 10 / J / (1/10W) R2614 ERJ3GEYJ100 10 / J / (1/10W) R2615 ERJ3GEYJ100 10 / J / (1/10W) R2616 ERJ3GEYJ220 22 / J / (1/10W) R2618 ERJ3GEYJ220 22 / J / (1/10W) R2619 ERJ3GEYJ103 10K / J / (1/10W) R2620 ERJ3GEYJ103 10K / J / (1/10W)	R2606	ERJ3GEYJ220	22 / J / (1/10W)
R2609 ERJ3GEYJ100 10 / J / (1/10W) R2610 ERJ3GEYJ100 10 / J / (1/10W) R2611 ERJ3GEYJ100 10 / J / (1/10W) R2612 ERJ3GEYJ100 10 / J / (1/10W) R2613 ERJ3GEYJ100 10 / J / (1/10W) R2614 ERJ3GEYJ100 10 / J / (1/10W) R2615 ERJ3GEYJ100 10 / J / (1/10W) R2616 ERJ3GEYJ220 22 / J / (1/10W) R2618 ERJ3GEYJ220 22 / J / (1/10W) R2619 ERJ3GEYJ220 22 / J / (1/10W) R2620 ERJ3GEYJ103 10K / J / (1/10W)	R2607	ERJ3GEYJ220	22 / J / (1/10W)
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R2611 ERJ3GEYJ100 10 / J / (1/10W) R2612 ERJ3GEYJ100 10 / J / (1/10W) R2613 ERJ3GEYJ100 10 / J / (1/10W) R2614 ERJ3GEYJ100 10 / J / (1/10W) R2615 ERJ3GEYJ100 10 / J / (1/10W) R2616 ERJ3GEYJ220 22 / J / (1/10W) R2618 ERJ3GEYJ220 22 / J / (1/10W) R2619 ERJ3GEYJ220 22 / J / (1/10W) R2620 ERJ3GEYJ103 10K / J / (1/10W)	R2609	ERJ3GEYJ100	10 / J / (1/10W)
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R2613 ERJ3GEYJ100 10 / J / (1/10W) R2614 ERJ3GEYJ100 10 / J / (1/10W) R2615 ERJ3GEYJ100 10 / J / (1/10W) R2616 ERJ3GEYJ220 22 / J / (1/10W) R2618 ERJ3GEYJ220 22 / J / (1/10W) R2619 ERJ3GEYJ220 22 / J / (1/10W) R2620 ERJ3GEYJ103 10K / J / (1/10W)	R2611	ERJ3GEYJ100	10 / J / (1/10W)
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R2619 ERJ3GEYJ220 22 / J / (1/10W) R2620 ERJ3GEYJ103 10K / J / (1/10W)	R2616	ERJ3GEYJ220	22 / J / (1/10W)
R2620 ERJ3GEYJ103 10K / J / (1/10W)	R2618	ERJ3GEYJ220	22 / J / (1/10W)
	R2619	ERJ3GEYJ220	22 / J / (1/10W)
R2624 ERJ3GEY0R00 0-ohm Jumper	R2620	ERJ3GEYJ103	10K / J / (1/10W)
	R2624	ERJ3GEY0R00	0-ohm Jumper

R2626 ERJ3GEY0R00 0-ohm Jumper R2628 ERJ3GEY0R00 0-ohm Jumper R2629 ERJ3GEY0R00 0-ohm Jumper R2631 ERJ3GEYJ220 22/J/(1/10W) R2632 ERJ3GEYJ220 22/J/(1/10W) R2633 ERJ3GEYJ220 22/J/(1/10W) R2634 ERJ3GEYJ220 22/J/(1/10W) R2635 ERJ3GEYJ220 22/J/(1/10W) R2636 ERJ3GEYJ220 22/J/(1/10W) R2637 ERJ3GEYJ220 22/J/(1/10W) R2638 ERJ3GEYJ220 22/J/(1/10W) R2639 ERJ3GEYJ220 22/J/(1/10W) R2639 ERJ3GEYJ220 22/J/(1/10W) R2640 ERJ3GEYJ220 22/J/(1/10W) R2641 ERJ3GEYJ220 22/J/(1/10W) R2642 ERJ3GEYJ220 22/J/(1/10W) R2643 ERJ3GEYJ220 22/J/(1/10W) R2644 ERJ3GEYJ220 22/J/(1/10W) R2645 ERJ3GEYJ220 22/J/(1/10W) R2646 ERJ3GEYJ220 22/J/(1/10W) R2647 ERJ3GEYJ220 22/J/(1/10W) R2648 ERJ3GEYJ220 22/J/(1/10W) R2649 ERJ3GEY0R00 0-ohm Jumper R2649 ERJ3GEY0R00 0-ohm Jumper R2650 ERJ3GEY0R00 0-ohm Jumper R2651 ERJ3GEY0R00 0-ohm Jumper R2652 ERJ3GEYJ100 10/J/(1/10W) R2653 ERJ3GEYJ100 10/J/(1/10W) R2654 ERJ3GEYJ100 10/J/(1/10W) R2655 ERJ3GEYJ100 10/J/(1/10W) R2656 ERJ3GEYJ100 10/J/(1/10W) R2657 ERJ3GEYJ100 10/J/(1/10W) R2659 ERJ3GEYJ100 10/J/(1/10W) R2660 ERJ3GEYJ100 10/J/(1/10W) R2661 ERJ3GEYJ100 10/J/(1/10W) R2662 ERJ3GEYJ100 10/J/(1/10W) R2663 ERJ3GEYJ100 10/J/(1/10W) R2664 ERJ3GEYJ100 10/J/(1/10W) R2665 ERJ3GEYJ100 10/J/(1/10W) R2666 ERJ3GEYJ100 10/J/(1/10W)	2012		
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R2632 ERJ3GEYJ220 22 / J / (1/10W) R2633 ERJ3GEYJ220 22 / J / (1/10W) R2634 ERJ3GEYJ220 22 / J / (1/10W) R2635 ERJ3GEYJ220 22 / J / (1/10W) R2636 ERJ3GEYJ220 22 / J / (1/10W) R2637 ERJ3GEYJ220 22 / J / (1/10W) R2638 ERJ3GEYJ220 22 / J / (1/10W) R2639 ERJ3GEYJ220 22 / J / (1/10W) R2642 ERJ3GEYJ220 22 / J / (1/10W) R2643 ERJ3GEYJ220 22 / J / (1/10W) R2644 ERJ3GEYJ220 22 / J / (1/10W) R2645 ERJ3GEYOR00 0-ohm Jumper R2646 ERJ3GEYOR00 0-ohm Jumper R2648 ERJ3GEYOR00 0-ohm Jumper R2650 ERJ3GEYOR00 0-ohm Jumper R2651 ERJ3GEYOR00 0-ohm Jumper R2652 ERJ3GEYJ100 10 / J / (1/10W) R2653 ERJ3GEYJ100 10 / J / (1/10W) R2654 ERJ3GEYJ100 10 / J / (1/10W) R2655 ERJ3GEYJ100	R2629	ERJ3GEY0R00	0-ohm Jumper
R2633 ERJ3GEYJ220 22/J/(I/10W) R2634 ERJ3GEYJ220 22/J/(I/10W) R2635 ERJ3GEYJ220 22/J/(I/10W) R2636 ERJ3GEYJ220 22/J/(I/10W) R2637 ERJ3GEYJ220 22/J/(I/10W) R2638 ERJ3GEYJ220 22/J/(I/10W) R2639 ERJ3GEYJ220 22/J/(I/10W) R2642 ERJ3GEYJ220 22/J/(I/10W) R2643 ERJ3GEYJ220 22/J/(I/10W) R2644 ERJ3GEYJ220 22/J/(I/10W) R2645 ERJ3GEYOR00 0-ohm Jumper R2646 ERJ3GEYOR00 0-ohm Jumper R2648 ERJ3GEYOR00 0-ohm Jumper R2650 ERJ3GEYOR00 0-ohm Jumper R2651 ERJ3GEYOR00 0-ohm Jumper R2652 ERJ3GEYJ100 10/J/(I/10W) R2653 ERJ3GEYJ100 10/J/(I/10W) R2654 ERJ3GEYJ100 10/J/(I/10W) R2655 ERJ3GEYJ100 10/J/(I/10W) R2656 ERJ3GEYJ100 10/J/(I/10W) R26	R2631	ERJ3GEYJ220	22 / J / (1/10W)
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R2649 ERJ3GEY0R00 0-ohm Jumper R2650 ERJ3GEY0R00 0-ohm Jumper R2651 ERJ3GEY0R00 0-ohm Jumper R2652 ERJ3GEYJ100 10 / J / (1/10W) R2653 ERJ3GEYJ100 10 / J / (1/10W) R2654 ERJ3GEYJ100 10 / J / (1/10W) R2655 ERJ3GEYJ100 10 / J / (1/10W) R2656 ERJ3GEY0R00 0-ohm Jumper R2657 ERJ3GEYJ100 10 / J / (1/10W) R2658 ERJ3GEYJ100 10 / J / (1/10W) R2669 ERJ3GEYJ100 10 / J / (1/10W) R2661 ERJ3GEYJ100 10 / J / (1/10W) R2662 ERJ3GEYJ100 10 / J / (1/10W) R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2646	ERJ3GEY0R00	0-ohm Jumper
R2650 ERJ3GEY0R00 0-ohm Jumper R2651 ERJ3GEY0R00 0-ohm Jumper R2652 ERJ3GEYJ100 0-ohm Jumper R2653 ERJ3GEYJ100 10 / J / (1/10W) R2654 ERJ3GEYJ100 10 / J / (1/10W) R2655 ERJ3GEYJ100 10 / J / (1/10W) R2656 ERJ3GEY0R00 0-ohm Jumper R2657 ERJ3GEYJ100 10 / J / (1/10W) R2658 ERJ3GEYJ100 10 / J / (1/10W) R2659 ERJ3GEYJ100 10 / J / (1/10W) R2661 ERJ3GEYJ100 10 / J / (1/10W) R2662 ERJ3GEYJ100 10 / J / (1/10W) R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2648	ERJ3GEYJ220	22 / J / (1/10W)
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R2652 ERJ3GEY0R00 0-ohm Jumper R2653 ERJ3GEYJ100 10 / J / (1/10W) R2654 ERJ3GEYJ100 10 / J / (1/10W) R2655 ERJ3GEYJ100 10 / J / (1/10W) R2656 ERJ3GEY0R00 0-ohm Jumper R2657 ERJ3GEY0R00 0-ohm Jumper R2658 ERJ3GEYJ100 10 / J / (1/10W) R2659 ERJ3GEYJ100 10 / J / (1/10W) R2660 ERJ3GEYJ100 10 / J / (1/10W) R2661 ERJ3GEYJ100 10 / J / (1/10W) R2662 ERJ3GEYJ100 10 / J / (1/10W) R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2650	ERJ3GEY0R00	0-ohm Jumper
R2653 ERJ3GEYJ100 10 / J / (1/10W) R2654 ERJ3GEYJ100 10 / J / (1/10W) R2655 ERJ3GEYJ100 10 / J / (1/10W) R2656 ERJ3GEY0R00 0-ohm Jumper R2657 ERJ3GEYJ100 0-ohm Jumper R2658 ERJ3GEYJ100 10 / J / (1/10W) R2659 ERJ3GEYJ100 10 / J / (1/10W) R2660 ERJ3GEYJ100 10 / J / (1/10W) R2661 ERJ3GEYJ100 10 / J / (1/10W) R2662 ERJ3GEYJ100 10 / J / (1/10W) R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2651	ERJ3GEY0R00	0-ohm Jumper
R2654 ERJ3GEYJ100 10 / J / (1/10W) R2655 ERJ3GEYJ100 10 / J / (1/10W) R2656 ERJ3GEYOR00 0-ohm Jumper R2657 ERJ3GEYJ100 0-ohm Jumper R2658 ERJ3GEYJ100 10 / J / (1/10W) R2659 ERJ3GEYJ100 10 / J / (1/10W) R2660 ERJ3GEYJ100 10 / J / (1/10W) R2661 ERJ3GEYJ100 10 / J / (1/10W) R2662 ERJ3GEYJ100 10 / J / (1/10W) R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2652	ERJ3GEY0R00	0-ohm Jumper
R2655 ERJ3GEYJ100 10 / J / (1/10W) R2656 ERJ3GEY0R00 0-ohm Jumper R2657 ERJ3GEY0R00 0-ohm Jumper R2658 ERJ3GEYJ100 10 / J / (1/10W) R2659 ERJ3GEYJ100 10 / J / (1/10W) R2660 ERJ3GEYJ100 10 / J / (1/10W) R2661 ERJ3GEYJ100 0-ohm Jumper R2662 ERJ3GEYJ100 10 / J / (1/10W) R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2653	ERJ3GEYJ100	10 / J / (1/10W)
R2656 ERJ3GEY0R00 0-ohm Jumper R2657 ERJ3GEY0R00 0-ohm Jumper R2658 ERJ3GEYJ100 10 / J / (1/10W) R2659 ERJ3GEYJ100 10 / J / (1/10W) R2660 ERJ3GEYJ100 10 / J / (1/10W) R2661 ERJ3GEYJ100 0-ohm Jumper R2662 ERJ3GEYJ100 10 / J / (1/10W) R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2654	ERJ3GEYJ100	10 / J / (1/10W)
R2657 ERJ3GEY0R00 0-ohm Jumper R2658 ERJ3GEYJ100 10 / J / (1/10W) R2659 ERJ3GEYJ100 10 / J / (1/10W) R2660 ERJ3GEYJ100 10 / J / (1/10W) R2661 ERJ3GEY0R00 0-ohm Jumper R2662 ERJ3GEYJ100 10 / J / (1/10W) R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2655	ERJ3GEYJ100	10 / J / (1/10W)
R2658 ERJ3GEYJ100 10 / J / (1/10W) R2659 ERJ3GEYJ100 10 / J / (1/10W) R2660 ERJ3GEYJ100 10 / J / (1/10W) R2661 ERJ3GEY0R00 0-ohm Jumper R2662 ERJ3GEYJ100 10 / J / (1/10W) R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2656	ERJ3GEY0R00	0-ohm Jumper
R2659 ERJ3GEYJ100 10 / J / (1/10W) R2660 ERJ3GEYJ100 10 / J / (1/10W) R2661 ERJ3GEY0R00 0-ohm Jumper R2662 ERJ3GEYJ100 10 / J / (1/10W) R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2657	ERJ3GEY0R00	0-ohm Jumper
R2660 ERJ3GEYJ100 10 / J / (1/10W) R2661 ERJ3GEY0R00 0-ohm Jumper R2662 ERJ3GEYJ100 10 / J / (1/10W) R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2658	ERJ3GEYJ100	10 / J / (1/10W)
R2661 ERJ3GEY0R00 0-ohm Jumper R2662 ERJ3GEYJ100 10 / J / (1/10W) R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2659	ERJ3GEYJ100	10 / J / (1/10W)
R2662 ERJ3GEYJ100 10 / J / (1/10W) R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2660	ERJ3GEYJ100	10 / J / (1/10W)
R2663 ERJ3GEYJ100 10 / J / (1/10W) R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2661	ERJ3GEY0R00	0-ohm Jumper
R2664 ERJ3GEYJ100 10 / J / (1/10W) R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2662	ERJ3GEYJ100	10 / J / (1/10W)
R2665 ERJ3GEYJ100 10 / J / (1/10W) R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2663	ERJ3GEYJ100	10 / J / (1/10W)
R2666 ERJ3GEYJ100 10 / J / (1/10W)	R2664	ERJ3GEYJ100	10 / J / (1/10W)
	R2665	ERJ3GEYJ100	10 / J / (1/10W)
R2667 ERJ3GEYJ100 10 / J / (1/10W)	R2666	ERJ3GEYJ100	10 / J / (1/10W)
2100 02 10100 107 07 (1/10 17)	R2667	ERJ3GEYJ100	10 / J / (1/10W)

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R2668	ERJ3GEYJ100	10 / J / (1/10W)
R2669	ERJ3GEYJ100	10 / J / (1/10W)
R2670	ERJ3GEYJ100	10 / J / (1/10W)
R2671	ERJ3GEYJ100	10 / J / (1/10W)
R2672	ERJ3GEYJ100	10 / J / (1/10W)
R2673	ERJ3GEYJ100	10 / J / (1/10W)
R2674	ERJ3GEYJ100	10 / J / (1/10W)
R2675	ERJ3GEYJ100	10 / J / (1/10W)
R2676	ERJ3GEYJ100	10 / J / (1/10W)
R2677	ERJ3GEYJ100	10 / J / (1/10W)
R2678	ERJ3GEYJ100	10 / J / (1/10W)
R2679	ERJ3GEY0R00	0-ohm Jumper
R2682	ERJ3GEYJ472	4.7K / J / (1/10W)
R2683	ERJ3GEYJ472	4.7K / J / (1/10W)
R2685	ERJ3GEYJ472	4.7K / J / (1/10W)
R2686	ERJ3GEYJ472	4.7K / J / (1/10W)
R2687	ERJ3GEYJ472	4.7K / J / (1/10W)
R2689	ERJ3GEYJ470	47 / J / (1/10W)
R2690	ERJ3GEYJ470	47 / J / (1/10W)
R2700	ERJ3GEY0R00	0-ohm Jumper
R2701	ERJ3GEYJ102	1K / J / (1/10W)
R2703	ERJ3GEY0R00	0-ohm Jumper
R2707	ERJ3GEY0R00	0-ohm Jumper
R2708	ERJ3GEYJ102	1K / J / (1/10W)
R2710	ERJ3GEY0R00	0-ohm Jumper
R2714	ERJ3GEYJ102	1K / J / (1/10W)
Z2000	D0GZ220J0001	Resistor Array
Z2001	D0GZ220J0001	Resistor Array
Z2002	D0GZ220J0001	Resistor Array
Z2003	D0GZ220J0001	Resistor Array
Z2004	D0GZ220J0001	Resistor Array
Z2005	D0GZ220J0001	Resistor Array
Z2006	D0GZ220J0001	Resistor Array
Z2007	D0GZ220J0001	Resistor Array
Z2008	D0GZ220J0001	Resistor Array
Z2009	D0GZ220J0001	Resistor Array
Z2010	D0GZ220J0001	Resistor Array
Z2011	D0GZ220J0001	Resistor Array
Z2012	D0GZ220J0001	Resistor Array
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Z2013	D0GZ220J0001	Resistor Array
Z2014	D0GZ220J0001	Resistor Array
Z2015	D0GZ220J0001	Resistor Array
Z2163	PJRAMNR14473	Resistor Array
Z2164	PJRAMNR14473	Resistor Array
Z2165	PJRAMNR14473	Resistor Array
Z2166	PJRAMNR14473	Resistor Array
Z2167	PJRAMNR14473	Resistor Array
Z2168	PJRAMNR14473	Resistor Array
Z2222	D1H810040003	Resistor Array
Z2223	D1H810040003	Resistor Array
Z2224	D1H810040003	Resistor Array
Z2225	D1H810040003	Resistor Array
Z2226	D1H810040003	Resistor Array
Z2227	D1H810040003	Resistor Array
Z2228	D1H810040003	Resistor Array
Z2229	D1H810040003	Resistor Array
Z2230	D1H810040003	Resistor Array
Z2231	D1H810040003	Resistor Array
Z2232	D1H810040003	Resistor Array
Z2233	D1H810040003	Resistor Array
Z2234	D1H810040003	Resistor Array
Z2235	D1H810040003	Resistor Array
Z2236	D1H810040003	Resistor Array
Z2237	D1H810040003	Resistor Array
Z2238	D1H810040003	Resistor Array
Z2239	D1H810040003	Resistor Array
Z2240	D1H810040003	Resistor Array
Z2241	D1H810040003	Resistor Array
Z2242	D1H810040003	Resistor Array
Z2243	D1H810040003	Resistor Array
Z2244	D1H810040003	Resistor Array
Z2245	D1H810040003	Resistor Array
Z2246	D1H810040003	Resistor Array
Z2247	D1H810040003	Resistor Array
Z2248	EXBV8VR000V	Resistor Array
Z2249	EXBV8VR000V	Resistor Array
Z2250	EXBV8VR000V	Resistor Array
Z2251	EXBV8VR000V	Resistor Array
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Z2252 D1H810040003 Resistor Array Z2253 D1H810040003 Resistor Array Z2254 D1H810040003 Resistor Array Z2255 D1H810040003 Resistor Array Z2257 D1H810040003 Resistor Array Z2258 D1H810040003 Resistor Array Z2259 D1H810040003 Resistor Array Z2260 D1H810040003 Resistor Array Z2261 D1H810040003 Resistor Array Z2262 D1H810040003 Resistor Array Z2263 D1H810040003 Resistor Array Z2264 D1H810040003 Resistor Array Z2265 D1H810040003 Resistor Array Z2266 D1H810040003 Resistor Array Z2267 D1H810040003 Resistor Array Z2268 D1H810040003 Resistor Array Z2270 D1H810040003 Resistor Array Z2271 D1H810040003 Resistor Array Z2272 D1H810040003 Resistor Array Z2273 D1H810040003			
Z2254 D1H810040003 Resistor Array Z2255 D1H810040003 Resistor Array Z2256 D1H810040003 Resistor Array Z2257 D1H810040003 Resistor Array Z2258 D1H810040003 Resistor Array Z2259 D1H810040003 Resistor Array Z2260 D1H810040003 Resistor Array Z2261 D1H810040003 Resistor Array Z2262 D1H810040003 Resistor Array Z2263 D1H810040003 Resistor Array Z2264 D1H810040003 Resistor Array Z2265 D1H810040003 Resistor Array Z2266 D1H810040003 Resistor Array Z2267 D1H810040003 Resistor Array Z2270 D1H810040003 Resistor Array Z2271 D1H810040003 Resistor Array Z2272 D1H810040003 Resistor Array Z2273 D1H810040003 Resistor Array Z2274 D1H810040003 Resistor Array Z2275 D1H810040003	Z2252	D1H810040003	Resistor Array
Z2255 D1H810040003 Resistor Array Z2256 D1H810040003 Resistor Array Z2257 D1H810040003 Resistor Array Z2258 D1H810040003 Resistor Array Z2260 D1H810040003 Resistor Array Z2261 D1H810040003 Resistor Array Z2262 D1H810040003 Resistor Array Z2263 D1H810040003 Resistor Array Z2264 D1H810040003 Resistor Array Z2265 D1H810040003 Resistor Array Z2266 D1H810040003 Resistor Array Z2267 D1H810040003 Resistor Array Z2268 D1H810040003 Resistor Array Z2270 D1H810040003 Resistor Array Z2271 D1H810040003 Resistor Array Z2272 D1H810040003 Resistor Array Z2273 D1H810040003 Resistor Array Z2274 D1H810040003 Resistor Array Z2275 D1H810040003 Resistor Array Z2276 D1H810040003	Z2253	D1H810040003	Resistor Array
Z2256 D1H810040003 Resistor Array Z2257 D1H810040003 Resistor Array Z2258 D1H810040003 Resistor Array Z2259 D1H810040003 Resistor Array Z2260 D1H810040003 Resistor Array Z2261 D1H810040003 Resistor Array Z2262 D1H810040003 Resistor Array Z2264 D1H810040003 Resistor Array Z2265 D1H810040003 Resistor Array Z2266 D1H810040003 Resistor Array Z2267 D1H810040003 Resistor Array Z2268 D1H810040003 Resistor Array Z2270 D1H810040003 Resistor Array Z2271 D1H810040003 Resistor Array Z2272 D1H810040003 Resistor Array Z2273 D1H810040003 Resistor Array Z2274 D1H810040003 Resistor Array Z2275 D1H810040003 Resistor Array Z2276 D1H810040003 Resistor Array Z2278 EXBV8VR000V	Z2254	D1H810040003	Resistor Array
Z2258 D1H810040003 Resistor Array Z2258 D1H810040003 Resistor Array Z2259 D1H810040003 Resistor Array Z2260 D1H810040003 Resistor Array Z2261 D1H810040003 Resistor Array Z2262 D1H810040003 Resistor Array Z2263 D1H810040003 Resistor Array Z2264 D1H810040003 Resistor Array Z2265 D1H810040003 Resistor Array Z2266 D1H810040003 Resistor Array Z2267 D1H810040003 Resistor Array Z2268 D1H810040003 Resistor Array Z2270 D1H810040003 Resistor Array Z2271 D1H810040003 Resistor Array Z2272 D1H810040003 Resistor Array Z2273 D1H810040003 Resistor Array Z2274 D1H810040003 Resistor Array Z2275 D1H810040003 Resistor Array Z2276 D1H810040003 Resistor Array Z2277 D1H80040003	Z2255	D1H810040003	Resistor Array
Z2258 D1H810040003 Resistor Array Z2259 D1H810040003 Resistor Array Z2260 D1H810040003 Resistor Array Z2261 D1H810040003 Resistor Array Z2262 D1H810040003 Resistor Array Z2263 D1H810040003 Resistor Array Z2264 D1H810040003 Resistor Array Z2265 D1H810040003 Resistor Array Z2266 D1H810040003 Resistor Array Z2269 D1H810040003 Resistor Array Z2270 D1H810040003 Resistor Array Z2271 D1H810040003 Resistor Array Z2272 D1H810040003 Resistor Array Z2273 D1H810040003 Resistor Array Z2274 D1H810040003 Resistor Array Z2275 D1H810040003 Resistor Array Z2276 D1H810040003 Resistor Array Z2275 D1H810040003 Resistor Array Z2276 D1H810040003 Resistor Array Z2278 EXBV8VR000V	Z2256	D1H810040003	Resistor Array
Z2259 D1H810040003 Resistor Array Z2260 D1H810040003 Resistor Array Z2261 D1H810040003 Resistor Array Z2262 D1H810040003 Resistor Array Z2263 D1H810040003 Resistor Array Z2264 D1H810040003 Resistor Array Z2265 D1H810040003 Resistor Array Z2266 D1H810040003 Resistor Array Z2267 D1H810040003 Resistor Array Z2269 D1H810040003 Resistor Array Z2270 D1H810040003 Resistor Array Z2271 D1H810040003 Resistor Array Z2272 D1H810040003 Resistor Array Z2273 D1H810040003 Resistor Array Z2274 D1H810040003 Resistor Array Z2275 D1H810040003 Resistor Array Z2276 D1H810040003 Resistor Array Z2277 D1H810040003 Resistor Array Z2278 EXBV8VR000V Resistor Array Z2279 EXBV8VR000V	Z2257	D1H810040003	Resistor Array
Z2260 D1H810040003 Resistor Array Z2261 D1H810040003 Resistor Array Z2262 D1H810040003 Resistor Array Z2263 D1H810040003 Resistor Array Z2264 D1H810040003 Resistor Array Z2265 D1H810040003 Resistor Array Z2266 D1H810040003 Resistor Array Z2267 D1H810040003 Resistor Array Z2268 D1H810040003 Resistor Array Z2270 D1H810040003 Resistor Array Z2271 D1H810040003 Resistor Array Z2272 D1H810040003 Resistor Array Z2273 D1H810040003 Resistor Array Z2274 D1H810040003 Resistor Array Z2275 D1H810040003 Resistor Array Z2276 D1H810040003 Resistor Array Z2277 D1H810040003 Resistor Array Z2278 EXBV8VR000V Resistor Array Z2278 EXBV8VR000V Resistor Array Z2280 EXBV8VR000V <	Z2258	D1H810040003	Resistor Array
Z2261 D1H810040003 Resistor Array Z2262 D1H810040003 Resistor Array Z2263 D1H810040003 Resistor Array Z2264 D1H810040003 Resistor Array Z2265 D1H810040003 Resistor Array Z2266 D1H810040003 Resistor Array Z2267 D1H810040003 Resistor Array Z2268 D1H810040003 Resistor Array Z2270 D1H810040003 Resistor Array Z2271 D1H810040003 Resistor Array Z2272 D1H810040003 Resistor Array Z2273 D1H810040003 Resistor Array Z2274 D1H810040003 Resistor Array Z2275 D1H810040003 Resistor Array Z2276 D1H810040003 Resistor Array Z2277 D1H810040003 Resistor Array Z2278 EXBV8VR000V Resistor Array Z2279 EXBV8VR000V Resistor Array Z2279 EXBV8VR000V Resistor Array Z2280 EXBV8VR000V <t< td=""><td>Z2259</td><td>D1H810040003</td><td>Resistor Array</td></t<>	Z2259	D1H810040003	Resistor Array
Z2262 D1H810040003 Resistor Array Z2263 D1H810040003 Resistor Array Z2264 D1H810040003 Resistor Array Z2265 D1H810040003 Resistor Array Z2266 D1H810040003 Resistor Array Z2267 D1H810040003 Resistor Array Z2268 D1H810040003 Resistor Array Z2270 D1H810040003 Resistor Array Z2271 D1H810040003 Resistor Array Z2272 D1H810040003 Resistor Array Z2273 D1H810040003 Resistor Array Z2274 D1H810040003 Resistor Array Z2275 D1H810040003 Resistor Array Z2276 D1H810040003 Resistor Array Z2277 D1H810040003 Resistor Array Z2278 EXBV8VR000V Resistor Array Z2279 EXBV8VR000V Resistor Array Z2280 EXBV8VR000V Resistor Array Z2281 EXBV8VR000V Resistor Array Z2282 EXBV8VR000V <td< td=""><td>Z2260</td><td>D1H810040003</td><td>Resistor Array</td></td<>	Z2260	D1H810040003	Resistor Array
Z2263 D1H810040003 Resistor Array Z2264 D1H810040003 Resistor Array Z2265 D1H810040003 Resistor Array Z2266 D1H810040003 Resistor Array Z2267 D1H810040003 Resistor Array Z2268 D1H810040003 Resistor Array Z2270 D1H810040003 Resistor Array Z2271 D1H810040003 Resistor Array Z2272 D1H810040003 Resistor Array Z2273 D1H810040003 Resistor Array Z2274 D1H810040003 Resistor Array Z2275 D1H810040003 Resistor Array Z2276 D1H810040003 Resistor Array Z2277 D1H810040003 Resistor Array Z2278 EXBV8VR000V Resistor Array Z2279 EXBV8VR000V Resistor Array Z2280 EXBV8VR000V Resistor Array Z2281 EXBV8VR000V Resistor Array Z2282 EXBV8VR000V Resistor Array Z2284 EXBV8VR000V	Z2261	D1H810040003	Resistor Array
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Z2268 D1H810040003 Resistor Array Z2269 D1H810040003 Resistor Array Z2270 D1H810040003 Resistor Array Z2271 D1H810040003 Resistor Array Z2272 D1H810040003 Resistor Array Z2273 D1H810040003 Resistor Array Z2274 D1H810040003 Resistor Array Z2275 D1H810040003 Resistor Array Z2277 D1H810040003 Resistor Array Z2278 EXBV8VR000V Resistor Array Z2279 EXBV8VR000V Resistor Array Z2280 EXBV8VR000V Resistor Array Z2281 EXBV8VR000V Resistor Array Z2282 EXBV8VR000V Resistor Array Z2284 EXBV8VR000V Resistor Array Z2285 EXBV8VR000V Resistor Array Z2286 D1H810040003 Resistor Array Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 R	Z2266	D1H810040003	Resistor Array
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Z2275 D1H810040003 Resistor Array Z2276 D1H810040003 Resistor Array Z2277 D1H810040003 Resistor Array Z2278 EXBV8VR000V Resistor Array Z2279 EXBV8VR000V Resistor Array Z2280 EXBV8VR000V Resistor Array Z2281 EXBV8VR000V Resistor Array Z2282 EXBV8VR000V Resistor Array Z2283 EXBV8VR000V Resistor Array Z2284 EXBV8VR000V Resistor Array Z2285 EXBV8VR000V Resistor Array Z2286 D1H810040003 Resistor Array Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2273	D1H810040003	Resistor Array
Z2276 D1H810040003 Resistor Array Z2277 D1H810040003 Resistor Array Z2278 EXBV8VR000V Resistor Array Z2279 EXBV8VR000V Resistor Array Z2280 EXBV8VR000V Resistor Array Z2281 EXBV8VR000V Resistor Array Z2282 EXBV8VR000V Resistor Array Z2283 EXBV8VR000V Resistor Array Z2284 EXBV8VR000V Resistor Array Z2285 EXBV8VR000V Resistor Array Z2286 D1H810040003 Resistor Array Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2274	D1H810040003	Resistor Array
Z2277 D1H810040003 Resistor Array Z2278 EXBV8VR000V Resistor Array Z2279 EXBV8VR000V Resistor Array Z2280 EXBV8VR000V Resistor Array Z2281 EXBV8VR000V Resistor Array Z2282 EXBV8VR000V Resistor Array Z2283 EXBV8VR000V Resistor Array Z2284 EXBV8VR000V Resistor Array Z2285 EXBV8VR000V Resistor Array Z2286 D1H810040003 Resistor Array Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2275	D1H810040003	Resistor Array
Z2278 EXBV8VR000V Resistor Array Z2279 EXBV8VR000V Resistor Array Z2280 EXBV8VR000V Resistor Array Z2281 EXBV8VR000V Resistor Array Z2282 EXBV8VR000V Resistor Array Z2283 EXBV8VR000V Resistor Array Z2284 EXBV8VR000V Resistor Array Z2285 EXBV8VR000V Resistor Array Z2286 D1H810040003 Resistor Array Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2276	D1H810040003	Resistor Array
Z2279 EXBV8VR000V Resistor Array Z2280 EXBV8VR000V Resistor Array Z2281 EXBV8VR000V Resistor Array Z2282 EXBV8VR000V Resistor Array Z2283 EXBV8VR000V Resistor Array Z2284 EXBV8VR000V Resistor Array Z2285 EXBV8VR000V Resistor Array Z2286 D1H810040003 Resistor Array Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2277	D1H810040003	Resistor Array
Z2280 EXBV8VR000V Resistor Array Z2281 EXBV8VR000V Resistor Array Z2282 EXBV8VR000V Resistor Array Z2283 EXBV8VR000V Resistor Array Z2284 EXBV8VR000V Resistor Array Z2285 EXBV8VR000V Resistor Array Z2286 D1H810040003 Resistor Array Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2278	EXBV8VR000V	Resistor Array
Z2281 EXBV8VR000V Resistor Array Z2282 EXBV8VR000V Resistor Array Z2283 EXBV8VR000V Resistor Array Z2284 EXBV8VR000V Resistor Array Z2285 EXBV8VR000V Resistor Array Z2286 D1H810040003 Resistor Array Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2279	EXBV8VR000V	Resistor Array
Z2282 EXBV8VR000V Resistor Array Z2283 EXBV8VR000V Resistor Array Z2284 EXBV8VR000V Resistor Array Z2285 EXBV8VR000V Resistor Array Z2286 D1H810040003 Resistor Array Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2280	EXBV8VR000V	Resistor Array
Z2283 EXBV8VR000V Resistor Array Z2284 EXBV8VR000V Resistor Array Z2285 EXBV8VR000V Resistor Array Z2286 D1H810040003 Resistor Array Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2281	EXBV8VR000V	Resistor Array
Z2284 EXBV8VR000V Resistor Array Z2285 EXBV8VR000V Resistor Array Z2286 D1H810040003 Resistor Array Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2282	EXBV8VR000V	Resistor Array
Z2285 EXBV8VR000V Resistor Array Z2286 D1H810040003 Resistor Array Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2283	EXBV8VR000V	Resistor Array
Z2286 D1H810040003 Resistor Array Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2284	EXBV8VR000V	Resistor Array
Z2287 D1H810040003 Resistor Array Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2285	EXBV8VR000V	Resistor Array
Z2288 D1H810040003 Resistor Array Z2289 D1H810040003 Resistor Array	Z2286	D1H810040003	Resistor Array
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	Z2288	D1H810040003	Resistor Array
Z2290 D1H810040003 Resistor Array	Z2289	D1H810040003	Resistor Array
,	Z2290	D1H810040003	Resistor Array

Z2291	D1H810040003	Resistor Array
Z2292	D1H810040003	Resistor Array
Z2293	D1H810040003	Resistor Array
Z2294	D1H810040003	Resistor Array
Z2295	D1H810040003	Resistor Array
Z2296	D1H810040003	Resistor Array
Z2297	D1H810040003	Resistor Array
Z2298	D1H810040003	Resistor Array
Z2299	D1H810040003	Resistor Array
Z2300	D1H810040003	Resistor Array
Z2301	D1H810040003	Resistor Array
Z2302	D1H810040003	Resistor Array
Z2303	D1H810040003	Resistor Array
Z2304	D1H810040003	Resistor Array
Z2305	D1H810040003	Resistor Array
Z2306	D1H810040003	Resistor Array
Z2307	D1H810040003	Resistor Array
Z2308	D1H810040003	Resistor Array
Z2309	D1H810040003	Resistor Array
Z2310	D1H810040003	Resistor Array
Z2311	D1H810040003	Resistor Array
Z2312	D1H810040003	Resistor Array
Z2313	D1H810040003	Resistor Array
Z2314	D1H810040003	Resistor Array
Z2315	D1H810040003	Resistor Array
	CAI	PACITORS
C2000	F2G1E4R70008	4.7 / M / 25V
C2001	F2G0G2210002	220 / M / 4V
C2002	ECUX1H101JCV	100P / J / 50V
C2003	ECUX1H101JCV	100P / J / 50V
C2004	ECUX1E104ZFV	0.1 / Z / 25V
C2005	F2G1A1010013	100 / M / 10V
C2006	ECUX1H101JCV	100P / J / 50V
C2007	ECUX1E104ZFV	0.1 / Z / 25V
C2008	ECUX1E104ZFV	0.1 / Z / 25V
C2009	ECUX1H101JCV	100P / J / 50V
C2010	ECUX1H101JCV	100P / J / 50V
C2011	F2G1A1010013	100 / M / 10V
C2012	ECUX1E104ZFV	0.1 / Z / 25V
		,

C2013	ECUX1E104ZFV	0.1 / Z / 25V
C2013	F2G1E4R70008	4.7 / M / 25V
C2014	F2G0G2210002	220 / M / 4V
C2108	ECUX1E104ZFV	0.1 / Z / 25V
C2108	ECUX1E104ZFV	0.1 / Z / 25V
C2109	ECUX1E104ZFV	0.1 / Z / 25V
C2110	ECUX1H101JCV	100P / J / 50V
C2111	ECUX1H101JCV	100P / J / 50V
C2112	ECUX1H101JCV	100P / J / 50V
C2113	ECUX1E104ZFV	0.1 / Z / 25V
C2114	ECUX1E104ZFV	0.1 / Z / 25V
C2115		1
	ECUX1E104ZFV	0.1 / Z / 25V
C2117	ECUX1H101JCV	100P / J / 50V
C2118	ECUX1H101JCV	100P / J / 50V
C2119	ECUX1H101JCV	100P / J / 50V
C2120	ECUX1H101JCV	100P / J / 50V
C2121	ECUX1H101JCV	100P / J / 50V
C2122	ECUX1E104ZFV	0.1 / Z / 25V
C2123	ECUX1H101JCV	100P / J / 50V
C2124	ECUX1E104ZFV	0.1 / Z / 25V
C2125	ECUX1H101JCV	100P / J / 50V
C2126	ECUX1E104ZFV	0.1 / Z / 25V
C2127	ECUX1H101JCV	100P / J / 50V
C2128	ECUX1E104ZFV	0.1 / Z / 25V
C2129	ECUX1H101JCV	100P / J / 50V
C2130	ECUX1E104ZFV	0.1 / Z / 25V
C2131	ECUX1H101JCV	100P / J / 50V
C2132	ECUX1E104ZFV	0.1 / Z / 25V
C2133	ECUX1H101JCV	100P / J / 50V
C2134	ECUX1E104ZFV	0.1 / Z / 25V
C2135	ECUX1H101JCV	100P / J / 50V
C2136	ECUX1E104ZFV	0.1 / Z / 25V
C2137	ECUX1H101JCV	100P / J / 50V
C2138	ECUX1E104ZFV	0.1 / Z / 25V
C2139	ECUX1H101JCV	100P / J / 50V
C2140	ECUX1E104ZFV	0.1 / Z / 25V
C2141	ECUX1H101JCV	100P / J / 50V
C2142	ECUX1E104ZFV	0.1 / Z / 25V
C2143	ECUX1E104ZFV	0.1 / Z / 25V

C2144 ECUXIEI04ZFV 0.1/Z/2SV C2146 ECUXIEI04ZFV 0.1/Z/2SV C2147 ECUXIEI04ZFV 0.1/Z/2SV C2148 ECUXIEI04ZFV 0.1/Z/2SV C2149 ECUXIHI0IJCV 100P/J/50V C2150 ECUXIHI0IJCV 100P/J/50V C2151 ECUXIHI0IJCV 100P/J/50V C2152 ECUXIEI04ZFV 0.1/Z/2SV C2153 ECUXIEI04ZFV 0.1/Z/2SV C2154 ECUXIHI0IJCV 100P/J/50V C2155 ECUXIHI0IJCV 100P/J/50V C2156 ECUXIHI0IJCV 100P/J/50V C217 ECUXIHI0IJCV 100P/J/50V C2227 ECUXIEI04ZFV 0.1/Z/2SV C2228 ECUXIEI04ZFV 0.1/Z/2SV C2229 ECUXIEI04ZFV 0.1/Z/2SV C2230 ECUXIHI0IJCV 100P/J/50V C2231 ECUXIHI0IJCV 100P/J/50V C2232 ECUXIHI0IJCV 100P/J/50V C2233 ECUXIEI04ZFV 0.1/Z/2SV C2234 ECUXIEI04ZFV 0.1/Z/2SV C2235 ECUXIEI04ZFV 0.1/Z/2SV C2236 ECUXIHI0IJCV 100P/J/50V C2237 ECUXIHI0IJCV 100P/J/50V C2238 ECUXIHI0IJCV 100P/J/50V C2239 ECUXIHI0IJCV 100P/J/50V C2239 ECUXIHI0IJCV 100P/J/50V C2230 ECUXIHI0IJCV 100P/J/50V C2231 ECUXIHI0IJCV 100P/J/50V C2232 ECUXIHI0IJCV 100P/J/50V C2234 ECUXIHI0IJCV 100P/J/50V C2235 ECUXIHI0IJCV 100P/J/50V C2240 ECUXIHI0IJCV 100P/J/50V C2241 ECUXIEI04ZFV 0.1/Z/2SV C2242 ECUXIHI0IJCV 100P/J/50V C2243 ECUXIHI0IJCV 100P/J/50V C2244 ECUXIHI0IJCV 100P/J/50V C2245 ECUXIHI0IJCV 100P/J/50V C2246 ECUXIHI0IJCV 100P/J/50V C2247 ECUXIEI04ZFV 0.1/Z/2SV C2248 ECUXIHI0IJCV 100P/J/50V C2249 ECUXIEI04ZFV 0.1/Z/2SV C2240 ECUXIHI0IJCV 100P/J/50V C2241 ECUXIEI04ZFV 0.1/Z/2SV C2242 ECUXIHI0IJCV 100P/J/50V C2243 ECUXIEI04ZFV 0.1/Z/2SV C2244 ECUXIHI0IJCV 100P/J/50V C2245 ECUXIHI0IJCV 100P/J/50V C2246 ECUXIHI0IJCV 100P/J/50V C2247 ECUXIEI04ZFV 0.1/Z/2SV C2248 ECUXIHI0IJCV 100P/J/50V C2249 ECUXIEI04ZFV 0.1/Z/2SV C2250 ECUXIHI0IJCV 100P/J/50V C2251 ECUXIEI04ZFV 0.1/Z/2SV			
C2146 ECUXIE104ZFV 0.1/Z/25V C2147 ECUXIE104ZFV 0.1/Z/25V C2148 ECUXIE104ZFV 0.1/Z/25V C2149 ECUXIH101JCV 100P/J/50V C2150 ECUXIH101JCV 100P/J/50V C2151 ECUXIE104ZFV 0.1/Z/25V C2153 ECUXIE104ZFV 0.1/Z/25V C2154 ECUXIE104ZFV 0.1/Z/25V C2155 ECUXIE104ZFV 0.1/Z/25V C2156 ECUXIH101JCV 100P/J/50V C2227 ECUXIE104ZFV 0.1/Z/25V C2228 ECUXIE104ZFV 0.1/Z/25V C2229 ECUXIE104ZFV 0.1/Z/25V C2230 ECUXIH101JCV 100P/J/50V C2231 ECUXIH101JCV 100P/J/50V C2232 ECUXIH101JCV 100P/J/50V C2233 ECUXIH101JCV 100P/J/50V C2234 ECUXIE104ZFV 0.1/Z/25V C2235 ECUXIE104ZFV 0.1/Z/25V C2236 ECUXIE104ZFV 0.1/Z/25V C2237 ECUXIE104ZFV 0.1/Z/25V C2238 ECUXIE104ZFV 0.1/Z/25V C2239 ECUXIE104ZFV 0.1/Z/25V C2231 ECUXIE104ZFV 0.1/Z/25V C2232 ECUXIH101JCV 100P/J/50V C2233 ECUXIE104ZFV 0.1/Z/25V C2234 ECUXIE104ZFV 0.1/Z/25V C2235 ECUXIH101JCV 100P/J/50V C2237 ECUXIH101JCV 100P/J/50V C2238 ECUXIH101JCV 100P/J/50V C2240 ECUXIH101JCV 100P/J/50V C2241 ECUXIE104ZFV 0.1/Z/25V C2242 ECUXIH101JCV 100P/J/50V C2243 ECUXIH101JCV 100P/J/50V C2244 ECUXIH101JCV 100P/J/50V C2245 ECUXIH101JCV 100P/J/50V C2246 ECUXIH101JCV 100P/J/50V C2247 ECUXIE104ZFV 0.1/Z/25V C2248 ECUXIH101JCV 100P/J/50V C2249 ECUXIH101JCV 100P/J/50V C2241 ECUXIE104ZFV 0.1/Z/25V C2242 ECUXIH101JCV 100P/J/50V C2243 ECUXIE104ZFV 0.1/Z/25V C2244 ECUXIH101JCV 100P/J/50V C2245 ECUXIH101JCV 100P/J/50V C2247 ECUXIE104ZFV 0.1/Z/25V C2248 ECUXIH101JCV 100P/J/50V C2249 ECUXIE104ZFV 0.1/Z/25V C2249 ECUXIE104ZFV 0.1/Z/25V C2240 ECUXIE104ZFV 0.1/Z/25V C2241 ECUXIE104ZFV 0.1/Z/25V C2242 ECUXIH101JCV 100P/J/50V	C2144	ECUX1E104ZFV	0.1 / Z / 25V
C2147 ECUX1E104ZFV 0.1/Z/25V C2148 ECUX1E104ZFV 0.1/Z/25V C2149 ECUX1H101JCV 100P/J/50V C2150 ECUX1H101JCV 100P/J/50V C2151 ECUX1E104ZFV 0.1/Z/25V C2152 ECUX1E104ZFV 0.1/Z/25V C2153 ECUX1E104ZFV 0.1/Z/25V C2154 ECUX1H101JCV 100P/J/50V C2155 ECUX1H101JCV 100P/J/50V C2227 ECUX1E104ZFV 0.1/Z/25V C2228 ECUX1E104ZFV 0.1/Z/25V C2229 ECUX1E104ZFV 0.1/Z/25V C2230 ECUX1H101JCV 100P/J/50V C2231 ECUX1H101JCV 100P/J/50V C2232 ECUX1H101JCV 100P/J/50V C2233 ECUX1E104ZFV 0.1/Z/25V C2234 ECUX1E104ZFV 0.1/Z/25V C2235 ECUX1E104ZFV 0.1/Z/25V C2236 ECUX1H101JCV 100P/J/50V C2237 ECUX1H101JCV 100P/J/50V C2238 ECUX1H101JCV 100P/J/50V C2239 ECUX1H101JCV 100P/J/50V C2239 ECUX1H101JCV 100P/J/50V C2239 ECUX1H101JCV 100P/J/50V C2240 ECUX1H101JCV 100P/J/50V C2241 ECUX1E104ZFV 0.1/Z/25V C2242 ECUX1H101JCV 100P/J/50V C2243 ECUX1E104ZFV 0.1/Z/25V C2244 ECUX1E104ZFV 0.1/Z/25V C2245 ECUX1H101JCV 100P/J/50V C2246 ECUX1H101JCV 100P/J/50V C2247 ECUX1E104ZFV 0.1/Z/25V C2248 ECUX1H101JCV 100P/J/50V C2249 ECUX1H101JCV 100P/J/50V C2240 ECUX1H101JCV 100P/J/50V C2241 ECUX1E104ZFV 0.1/Z/25V C2242 ECUX1H101JCV 100P/J/50V C2243 ECUX1E104ZFV 0.1/Z/25V C2244 ECUX1E104ZFV 0.1/Z/25V C2245 ECUX1E104ZFV 0.1/Z/25V C2246 ECUX1H101JCV 100P/J/50V C2247 ECUX1E104ZFV 0.1/Z/25V C2248 ECUX1H101JCV 100P/J/50V C2249 ECUX1H101JCV 100P/J/50V C2240 ECUX1H101JCV 100P/J/50V C2241 ECUX1E104ZFV 0.1/Z/25V C2242 ECUX1H101JCV 100P/J/50V C2243 ECUX1E104ZFV 0.1/Z/25V C2244 ECUX1E104ZFV 0.1/Z/25V C2245 ECUX1H101JCV 100P/J/50V C2247 ECUX1E104ZFV 0.1/Z/25V C2248 ECUX1H101JCV 100P/J/50V	C2145	ECUX1H101JCV	100P / J / 50V
C2148 ECUX1E104ZFV 0.1/Z/25V C2149 ECUX1H101JCV 100P/J/50V C2150 ECUX1H101JCV 100P/J/50V C2151 ECUX1H101JCV 100P/J/50V C2152 ECUX1E104ZFV 0.1/Z/25V C2153 ECUX1E104ZFV 0.1/Z/25V C2154 ECUX1H101JCV 100P/J/50V C2227 ECUX1E104ZFV 0.1/Z/25V C2228 ECUX1E104ZFV 0.1/Z/25V C2229 ECUX1E104ZFV 0.1/Z/25V C2230 ECUX1H101JCV 100P/J/50V C2231 ECUX1H101JCV 100P/J/50V C2232 ECUX1E104ZFV 0.1/Z/25V C2234 ECUX1E104ZFV 0.1/Z/25V C2234 ECUX1E104ZFV 0.1/Z/25V C2234 ECUX1H101JCV 100P/J/50V C2237 ECUX1H101JCV 100P/J/50V C2238 ECUX1H101JCV 100P/J/50V C2240 ECUX1H101JCV 100P/J/50V C2241 ECUX1E104ZFV 0.1/Z/25V C2242 ECUX1H101J	C2146	ECUX1E104ZFV	0.1 / Z / 25V
C2149 ECUXIHI0IJCV 100P/J/50V C2150 ECUXIHI0IJCV 100P/J/50V C2151 ECUXIHI0IJCV 100P/J/50V C2152 ECUXIEI04ZFV 0.1/Z/25V C2153 ECUXIEI04ZFV 0.1/Z/25V C2154 ECUXIHI0IJCV 100P/J/50V C2227 ECUXIEI04ZFV 0.1/Z/25V C2228 ECUXIEI04ZFV 0.1/Z/25V C2229 ECUXIEI04ZFV 0.1/Z/25V C2230 ECUXIHI0IJCV 100P/J/50V C2231 ECUXIHI0IJCV 100P/J/50V C2232 ECUXIHI0IJCV 100P/J/50V C2233 ECUXIEI04ZFV 0.1/Z/25V C2234 ECUXIHI0IJCV 100P/J/50V C2235 ECUXIHI0IJCV 100P/J/50V C2236 ECUXIHI0IJCV 100P/J/50V C2237 ECUXIHI0IJCV 100P/J/50V C2239 ECUXIHI0IJCV 100P/J/50V C2240 ECUXIHI0IJCV 100P/J/50V C2241 ECUXIEI04ZFV 0.1/Z/25V C2242 ECUXIEI	C2147	ECUX1E104ZFV	0.1 / Z / 25V
C2150 ECUXIHI0IJCV 100P/J/50V C2151 ECUXIHI0IJCV 100P/J/50V C2152 ECUXIEI04ZFV 0.1/Z/25V C2153 ECUXIEI04ZFV 0.1/Z/25V C2154 ECUXIHI0IJCV 100P/J/50V C2155 ECUXIHI0IJCV 100P/J/50V C2227 ECUXIEI04ZFV 0.1/Z/25V C2228 ECUXIEI04ZFV 0.1/Z/25V C2230 ECUXIHI0IJCV 100P/J/50V C2231 ECUXIHI0IJCV 100P/J/50V C2232 ECUXIHI0IJCV 100P/J/50V C2233 ECUXIEI04ZFV 0.1/Z/25V C2234 ECUXIEI04ZFV 0.1/Z/25V C2235 ECUXIHI0IJCV 100P/J/50V C2236 ECUXIHI0IJCV 100P/J/50V C2237 ECUXIHI0IJCV 100P/J/50V C2238 ECUXIHI0IJCV 100P/J/50V C2239 ECUXIHI0IJCV 100P/J/50V C2240 ECUXIHI0IJCV 100P/J/50V C2241 ECUXIEI04ZFV 0.1/Z/25V C2242 ECUXIEI	C2148	ECUX1E104ZFV	0.1 / Z / 25V
C2151 ECUXIH101JCV 100P/J/50V C2152 ECUXIE104ZFV 0.1/Z/25V C2153 ECUXIE104ZFV 0.1/Z/25V C2154 ECUXIH101JCV 100P/J/50V C2155 ECUXIH101JCV 100P/J/50V C2227 ECUXIE104ZFV 0.1/Z/25V C2228 ECUXIE104ZFV 0.1/Z/25V C2229 ECUXIE104ZFV 0.1/Z/25V C2230 ECUXIH101JCV 100P/J/50V C2231 ECUXIH101JCV 100P/J/50V C2232 ECUXIH101JCV 100P/J/50V C2233 ECUXIE104ZFV 0.1/Z/25V C2234 ECUXIE104ZFV 0.1/Z/25V C2235 ECUXIE104ZFV 0.1/Z/25V C2236 ECUXIE104ZFV 0.1/Z/25V C2237 ECUXIH101JCV 100P/J/50V C2238 ECUXIH101JCV 100P/J/50V C2239 ECUXIH101JCV 100P/J/50V C2239 ECUXIH101JCV 100P/J/50V C2239 ECUXIH101JCV 100P/J/50V C2240 ECUXIH101JCV 100P/J/50V C2241 ECUXIH101JCV 100P/J/50V C2242 ECUXIH101JCV 100P/J/50V C2243 ECUXIH101JCV 100P/J/50V C2244 ECUXIH101JCV 100P/J/50V C2245 ECUXIH101JCV 100P/J/50V C2246 ECUXIH101JCV 100P/J/50V C2247 ECUXIH101JCV 100P/J/50V C2248 ECUXIH101JCV 100P/J/50V C2249 ECUXIH101JCV 100P/J/50V C2246 ECUXIH101JCV 100P/J/50V C2247 ECUXIE104ZFV 0.1/Z/25V C2248 ECUXIH101JCV 100P/J/50V C2249 ECUXIH101JCV 100P/J/50V C2249 ECUXIH101JCV 100P/J/50V C2249 ECUXIH101JCV 100P/J/50V C2250 ECUXIH101JCV 100P/J/50V C2251 ECUXIE104ZFV 0.1/Z/25V C2252 ECUXIH101JCV 100P/J/50V	C2149	ECUX1H101JCV	100P / J / 50V
C2152 ECUXIE104ZFV 0.1/Z/25V C2153 ECUXIE104ZFV 0.1/Z/25V C2154 ECUXIH101JCV 100P/J/50V C2155 ECUXIH101JCV 0.1/Z/25V C2227 ECUXIE104ZFV 0.1/Z/25V C2228 ECUXIE104ZFV 0.1/Z/25V C2229 ECUXIH101JCV 100P/J/50V C2230 ECUXIH101JCV 100P/J/50V C2231 ECUXIH101JCV 100P/J/50V C2232 ECUXIH101JCV 100P/J/50V C2233 ECUXIE104ZFV 0.1/Z/25V C2234 ECUXIE104ZFV 0.1/Z/25V C2235 ECUXIE104ZFV 0.1/Z/25V C2236 ECUXIE104ZFV 0.1/Z/25V C2237 ECUXIH101JCV 100P/J/50V C2238 ECUXIH101JCV 100P/J/50V C2239 ECUXIH101JCV 100P/J/50V C2230 ECUXIH101JCV 100P/J/50V C2231 ECUXIH101JCV 100P/J/50V C2232 ECUXIH101JCV 100P/J/50V C2233 ECUXIH101JCV 100P/J/50V C2240 ECUXIH101JCV 100P/J/50V C2241 ECUXIE104ZFV 0.1/Z/25V C2242 ECUXIH101JCV 100P/J/50V C2243 ECUXIH101JCV 100P/J/50V C2244 ECUXIH101JCV 100P/J/50V C2245 ECUXIH101JCV 100P/J/50V C2246 ECUXIH101JCV 100P/J/50V C2247 ECUXIE104ZFV 0.1/Z/25V C2248 ECUXIH101JCV 100P/J/50V C2249 ECUXIE104ZFV 0.1/Z/25V C2249 ECUXIE104ZFV 0.1/Z/25V C2240 ECUXIH101JCV 100P/J/50V C2241 ECUXIE104ZFV 0.1/Z/25V C2242 ECUXIH101JCV 100P/J/50V C2243 ECUXIH101JCV 100P/J/50V C2244 ECUXIH101JCV 100P/J/50V C2255 ECUXIH101JCV 100P/J/50V	C2150	ECUX1H101JCV	100P / J / 50V
C2153 ECUXIE104ZFV 0.1/Z/25V C2154 ECUXIH101JCV 100P/J/50V C2155 ECUXIH101JCV 100P/J/50V C2227 ECUXIE104ZFV 0.1/Z/25V C2228 ECUXIE104ZFV 0.1/Z/25V C2229 ECUXIE104ZFV 0.1/Z/25V C2230 ECUXIH101JCV 100P/J/50V C2231 ECUXIH101JCV 100P/J/50V C2232 ECUXIH101JCV 100P/J/50V C2233 ECUXIH101JCV 0.1/Z/25V C2234 ECUXIE104ZFV 0.1/Z/25V C2235 ECUXIE104ZFV 0.1/Z/25V C2236 ECUXIH101JCV 100P/J/50V C2237 ECUXIH101JCV 100P/J/50V C2238 ECUXIH101JCV 100P/J/50V C2239 ECUXIH101JCV 100P/J/50V C2230 ECUXIH101JCV 100P/J/50V C2231 ECUXIH101JCV 100P/J/50V C2232 ECUXIH101JCV 100P/J/50V C2234 ECUXIH101JCV 100P/J/50V C2240 ECUXIH101JCV 100P/J/50V C2241 ECUXIE104ZFV 0.1/Z/25V C2242 ECUXIH101JCV 100P/J/50V C2243 ECUXIH101JCV 100P/J/50V C2244 ECUXIH101JCV 100P/J/50V C2245 ECUXIH101JCV 100P/J/50V C2246 ECUXIH101JCV 100P/J/50V C2247 ECUXIE104ZFV 0.1/Z/25V C2248 ECUXIH101JCV 100P/J/50V C2249 ECUXIH101JCV 100P/J/50V C2249 ECUXIE104ZFV 0.1/Z/25V C2248 ECUXIH101JCV 100P/J/50V C2250 ECUXIH101JCV 100P/J/50V C2251 ECUXIE104ZFV 0.1/Z/25V C2252 ECUXIH101JCV 100P/J/50V	C2151	ECUX1H101JCV	100P / J / 50V
C2154 ECUXIH101JCV 100P/J/50V C2155 ECUXIH101JCV 100P/J/50V C2227 ECUXIE104ZFV 0.1/Z/25V C2228 ECUXIE104ZFV 0.1/Z/25V C2229 ECUXIH101JCV 100P/J/50V C2230 ECUXIH101JCV 100P/J/50V C2231 ECUXIH101JCV 100P/J/50V C2232 ECUXIH101JCV 100P/J/50V C2233 ECUXIE104ZFV 0.1/Z/25V C2234 ECUXIE104ZFV 0.1/Z/25V C2235 ECUXIE104ZFV 0.1/Z/25V C2236 ECUXIH101JCV 100P/J/50V C2237 ECUXIH101JCV 100P/J/50V C2238 ECUXIH101JCV 100P/J/50V C2239 ECUXIH101JCV 100P/J/50V C2230 ECUXIH101JCV 100P/J/50V C2240 ECUXIH101JCV 100P/J/50V C2241 ECUXIE104ZFV 0.1/Z/25V C2242 ECUXIH101JCV 100P/J/50V C2243 ECUXIH101JCV 100P/J/50V C2244 ECUXIH101JCV 100P/J/50V C2245 ECUXIH101JCV 100P/J/50V C2246 ECUXIH101JCV 100P/J/50V C2247 ECUXIE104ZFV 0.1/Z/25V C2248 ECUXIH101JCV 100P/J/50V C2249 ECUXIE104ZFV 0.1/Z/25V C2248 ECUXIH101JCV 100P/J/50V C2249 ECUXIE104ZFV 0.1/Z/25V C2248 ECUXIH101JCV 100P/J/50V C2250 ECUXIH101JCV 100P/J/50V C2251 ECUXIE104ZFV 0.1/Z/25V C2251 ECUXIE104ZFV 0.1/Z/25V C2252 ECUXIH101JCV 100P/J/50V	C2152	ECUX1E104ZFV	0.1 / Z / 25V
C2155 ECUXIH101JCV 100P/J/50V C2227 ECUXIE104ZFV 0.1/Z/25V C2228 ECUXIE104ZFV 0.1/Z/25V C2229 ECUXIE104ZFV 0.1/Z/25V C2230 ECUXIH101JCV 100P/J/50V C2231 ECUXIH101JCV 100P/J/50V C2232 ECUXIH101JCV 100P/J/50V C2233 ECUXIE104ZFV 0.1/Z/25V C2234 ECUXIE104ZFV 0.1/Z/25V C2235 ECUXIE104ZFV 0.1/Z/25V C2236 ECUXIH101JCV 100P/J/50V C2237 ECUXIH101JCV 100P/J/50V C2238 ECUXIH101JCV 100P/J/50V C2239 ECUXIH101JCV 100P/J/50V C2240 ECUXIH101JCV 100P/J/50V C2240 ECUXIH101JCV 100P/J/50V C2241 ECUXIE104ZFV 0.1/Z/25V C2242 ECUXIH101JCV 100P/J/50V C2243 ECUXIH101JCV 100P/J/50V C2244 ECUXIH101JCV 100P/J/50V C2245 ECUXIH101JCV 100P/J/50V C2246 ECUXIH101JCV 100P/J/50V C2247 ECUXIE104ZFV 0.1/Z/25V C2248 ECUXIH101JCV 100P/J/50V C2249 ECUXIH101JCV 100P/J/50V C2249 ECUXIH101JCV 100P/J/50V C2249 ECUXIH101JCV 100P/J/50V C2250 ECUXIH101JCV 100P/J/50V C2251 ECUXIE104ZFV 0.1/Z/25V C2252 ECUXIH101JCV 100P/J/50V	C2153	ECUX1E104ZFV	0.1 / Z / 25V
C2227 ECUX1E104ZFV 0.1/Z/25V C2228 ECUX1E104ZFV 0.1/Z/25V C2229 ECUX1E104ZFV 0.1/Z/25V C2230 ECUX1H101JCV 100P/J/50V C2231 ECUX1H101JCV 100P/J/50V C2232 ECUX1H101JCV 100P/J/50V C2233 ECUX1E104ZFV 0.1/Z/25V C2234 ECUX1E104ZFV 0.1/Z/25V C2235 ECUX1H101JCV 100P/J/50V C2236 ECUX1H101JCV 100P/J/50V C2237 ECUX1H101JCV 100P/J/50V C2238 ECUX1H101JCV 100P/J/50V C2239 ECUX1H101JCV 100P/J/50V C2240 ECUX1H101JCV 100P/J/50V C2241 ECUX1E104ZFV 0.1/Z/25V C2242 ECUX1H101JCV 100P/J/50V C2243 ECUX1E104ZFV 0.1/Z/25V C2244 ECUX1H101JCV 100P/J/50V C2245 ECUX1E104ZFV 0.1/Z/25V C2247 ECUX1E104ZFV 0.1/Z/25V C2248 ECUX1H101	C2154	ECUX1H101JCV	100P / J / 50V
C2228 ECUXIEI04ZFV 0.1/Z/25V C2229 ECUXIEI04ZFV 0.1/Z/25V C2230 ECUXIHI01JCV 100P/J/50V C2231 ECUXIHI01JCV 100P/J/50V C2232 ECUXIHI01JCV 100P/J/50V C2233 ECUXIEI04ZFV 0.1/Z/25V C2234 ECUXIEI04ZFV 0.1/Z/25V C2235 ECUXIHI01JCV 100P/J/50V C2237 ECUXIHI01JCV 100P/J/50V C2238 ECUXIHI01JCV 100P/J/50V C2239 ECUXIHI01JCV 100P/J/50V C2240 ECUXIHI01JCV 100P/J/50V C2241 ECUXIEI04ZFV 0.1/Z/25V C2242 ECUXIHI01JCV 100P/J/50V C2242 ECUXIHI01JCV 100P/J/50V C2243 ECUXIHI01JCV 100P/J/50V C2244 ECUXIHI01JCV 100P/J/50V C2245 ECUXIHI01JCV 100P/J/50V C2246 ECUXIHI01JCV 100P/J/50V C2247 ECUXIEI04ZFV 0.1/Z/25V C2248 ECUXIHI01JCV 100P/J/50V C2249 ECUXIHI01JCV 100P/J/50V C2249 ECUXIHI01JCV 100P/J/50V C2249 ECUXIHI01JCV 100P/J/50V C2250 ECUXIHI01JCV 100P/J/50V C2251 ECUXIEI04ZFV 0.1/Z/25V C2252 ECUXIHI01JCV 100P/J/50V	C2155	ECUX1H101JCV	100P / J / 50V
C2229 ECUXIEI04ZFV 0.1/Z/25V C2230 ECUXIHI01JCV 100P/J/50V C2231 ECUXIHI01JCV 100P/J/50V C2232 ECUXIHI01JCV 100P/J/50V C2233 ECUXIEI04ZFV 0.1/Z/25V C2234 ECUXIEI04ZFV 0.1/Z/25V C2235 ECUXIHI01JCV 100P/J/50V C2236 ECUXIHI01JCV 100P/J/50V C2237 ECUXIHI01JCV 100P/J/50V C2238 ECUXIHI01JCV 100P/J/50V C2239 ECUXIHI01JCV 100P/J/50V C2240 ECUXIHI01JCV 100P/J/50V C2241 ECUXIEI04ZFV 0.1/Z/25V C2242 ECUXIHI01JCV 100P/J/50V C2243 ECUXIHI01JCV 100P/J/50V C2244 ECUXIHI01JCV 100P/J/50V C2245 ECUXIHI01JCV 100P/J/50V C2246 ECUXIHI01JCV 100P/J/50V C2247 ECUXIEI04ZFV 0.1/Z/25V C2248 ECUXIHI01JCV 100P/J/50V C2249 ECUXIHI01JCV 100P/J/50V C2249 ECUXIHI01JCV 100P/J/50V C2249 ECUXIHI01JCV 100P/J/50V C2250 ECUXIHI01JCV 100P/J/50V C2251 ECUXIEI04ZFV 0.1/Z/25V C2252 ECUXIHI01JCV 100P/J/50V	C2227	ECUX1E104ZFV	0.1 / Z / 25V
C2230 ECUXIHI01JCV 100P/J/50V C2231 ECUXIHI01JCV 100P/J/50V C2232 ECUXIHI01JCV 100P/J/50V C2233 ECUXIE104ZFV 0.1/Z/25V C2234 ECUXIE104ZFV 0.1/Z/25V C2235 ECUXIHI01JCV 100P/J/50V C2236 ECUXIHI01JCV 100P/J/50V C2237 ECUXIHI01JCV 100P/J/50V C2238 ECUXIHI01JCV 100P/J/50V C2239 ECUXIHI01JCV 100P/J/50V C2240 ECUXIHI01JCV 100P/J/50V C2241 ECUXIE104ZFV 0.1/Z/25V C2242 ECUXIHI01JCV 100P/J/50V C2243 ECUXIHI01JCV 100P/J/50V C2244 ECUXIHI01JCV 100P/J/50V C2245 ECUXIHI01JCV 100P/J/50V C2246 ECUXIHI01JCV 100P/J/50V C2247 ECUXIE104ZFV 0.1/Z/25V C2248 ECUXIHI01JCV 100P/J/50V C2249 ECUXIHI01JCV 100P/J/50V C2249 ECUXIHI01JCV 100P/J/50V C2250 ECUXIHI01JCV 100P/J/50V C2251 ECUXIE104ZFV 0.1/Z/25V C2252 ECUXIHI01JCV 100P/J/50V	C2228	ECUX1E104ZFV	0.1 / Z / 25V
C2231 ECUX1H101JCV 100P / J / 50V C2232 ECUX1H101JCV 100P / J / 50V C2233 ECUX1E104ZFV 0.1 / Z / 25V C2234 ECUX1E104ZFV 0.1 / Z / 25V C2235 ECUX1E104ZFV 0.1 / Z / 25V C2236 ECUX1H101JCV 100P / J / 50V C2237 ECUX1H101JCV 100P / J / 50V C2238 ECUX1H101JCV 100P / J / 50V C2239 ECUX1H101JCV 100P / J / 50V C2240 ECUX1H101JCV 100P / J / 50V C2241 ECUX1E104ZFV 0.1 / Z / 25V C2242 ECUX1H101JCV 100P / J / 50V C2243 ECUX1E104ZFV 0.1 / Z / 25V C2244 ECUX1E104ZFV 0.1 / Z / 25V C2245 ECUX1H101JCV 100P / J / 50V C2246 ECUX1H101JCV 100P / J / 50V C2247 ECUX1E104ZFV 0.1 / Z / 25V C2248 ECUX1H101JCV 100P / J / 50V C2249 ECUX1E104ZFV 0.1 / Z / 25V C2249 ECUX1E104ZFV 0.1 / Z / 25V C2250 ECUX1H101JCV 100P / J / 50V C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2229	ECUX1E104ZFV	0.1 / Z / 25V
C2232 ECUX1H101JCV 100P / J / 50V C2233 ECUX1E104ZFV 0.1 / Z / 25V C2234 ECUX1E104ZFV 0.1 / Z / 25V C2235 ECUX1E104ZFV 0.1 / Z / 25V C2236 ECUX1H101JCV 100P / J / 50V C2237 ECUX1H101JCV 100P / J / 50V C2238 ECUX1H101JCV 100P / J / 50V C2240 ECUX1H101JCV 100P / J / 50V C2241 ECUX1E104ZFV 0.1 / Z / 25V C2242 ECUX1H101JCV 100P / J / 50V C2243 ECUX1E104ZFV 0.1 / Z / 25V C2244 ECUX1H101JCV 100P / J / 50V C2245 ECUX1H101JCV 100P / J / 50V C2246 ECUX1H101JCV 100P / J / 50V C2247 ECUX1E104ZFV 0.1 / Z / 25V C2248 ECUX1H101JCV 100P / J / 50V C2249 ECUX1H101JCV 100P / J / 50V C2250 ECUX1H101JCV 100P / J / 50V	C2230	ECUX1H101JCV	100P / J / 50V
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C2237 ECUX1H101JCV 100P/J/50V C2238 ECUX1H101JCV 100P/J/50V C2239 ECUX1H101JCV 100P/J/50V C2240 ECUX1H101JCV 100P/J/50V C2241 ECUX1E104ZFV 0.1/Z/25V C2242 ECUX1H101JCV 100P/J/50V C2243 ECUX1E104ZFV 0.1/Z/25V C2244 ECUX1H101JCV 100P/J/50V C2245 ECUX1E104ZFV 0.1/Z/25V C2246 ECUX1H101JCV 100P/J/50V C2247 ECUX1E104ZFV 0.1/Z/25V C2248 ECUX1H101JCV 100P/J/50V C2249 ECUX1H101JCV 100P/J/50V C2249 ECUX1H101JCV 100P/J/50V C2250 ECUX1H101JCV 100P/J/50V C2251 ECUX1E104ZFV 0.1/Z/25V C2252 ECUX1H101JCV 100P/J/50V	C2235	ECUX1E104ZFV	0.1 / Z / 25V
C2238 ECUX1H101JCV 100P/J/50V C2239 ECUX1H101JCV 100P/J/50V C2240 ECUX1H101JCV 100P/J/50V C2241 ECUX1E104ZFV 0.1/Z/25V C2242 ECUX1H101JCV 100P/J/50V C2243 ECUX1E104ZFV 0.1/Z/25V C2244 ECUX1H101JCV 100P/J/50V C2245 ECUX1H101JCV 100P/J/50V C2246 ECUX1H101JCV 100P/J/50V C2247 ECUX1E104ZFV 0.1/Z/25V C2248 ECUX1H101JCV 100P/J/50V C2249 ECUX1E104ZFV 0.1/Z/25V C2250 ECUX1H101JCV 100P/J/50V C2251 ECUX1H101JCV 100P/J/50V	C2236	ECUX1H101JCV	100P / J / 50V
C2239 ECUX1H101JCV 100P / J / 50V C2240 ECUX1H101JCV 100P / J / 50V C2241 ECUX1E104ZFV 0.1 / Z / 25V C2242 ECUX1H101JCV 100P / J / 50V C2243 ECUX1E104ZFV 0.1 / Z / 25V C2244 ECUX1H101JCV 100P / J / 50V C2245 ECUX1H101JCV 100P / J / 50V C2246 ECUX1H101JCV 100P / J / 50V C2247 ECUX1E104ZFV 0.1 / Z / 25V C2248 ECUX1H101JCV 100P / J / 50V C2249 ECUX1H101JCV 100P / J / 50V C2250 ECUX1H101JCV 100P / J / 50V C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2237	ECUX1H101JCV	100P / J / 50V
C2240 ECUX1H101JCV 100P / J / 50V C2241 ECUX1E104ZFV 0.1 / Z / 25V C2242 ECUX1H101JCV 100P / J / 50V C2243 ECUX1E104ZFV 0.1 / Z / 25V C2244 ECUX1H101JCV 100P / J / 50V C2245 ECUX1E104ZFV 0.1 / Z / 25V C2246 ECUX1H101JCV 100P / J / 50V C2247 ECUX1E104ZFV 0.1 / Z / 25V C2248 ECUX1H101JCV 100P / J / 50V C2249 ECUX1E104ZFV 0.1 / Z / 25V C2250 ECUX1H101JCV 100P / J / 50V C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2238	ECUX1H101JCV	100P / J / 50V
C2241 ECUX1E104ZFV 0.1 / Z / 25V C2242 ECUX1H101JCV 100P / J / 50V C2243 ECUX1E104ZFV 0.1 / Z / 25V C2244 ECUX1H101JCV 100P / J / 50V C2245 ECUX1E104ZFV 0.1 / Z / 25V C2246 ECUX1H101JCV 100P / J / 50V C2247 ECUX1E104ZFV 0.1 / Z / 25V C2248 ECUX1H101JCV 100P / J / 50V C2249 ECUX1E104ZFV 0.1 / Z / 25V C2250 ECUX1H101JCV 100P / J / 50V C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2239	ECUX1H101JCV	100P / J / 50V
C2242 ECUX1H101JCV 100P / J / 50V C2243 ECUX1E104ZFV 0.1 / Z / 25V C2244 ECUX1H101JCV 100P / J / 50V C2245 ECUX1E104ZFV 0.1 / Z / 25V C2246 ECUX1H101JCV 100P / J / 50V C2247 ECUX1E104ZFV 0.1 / Z / 25V C2248 ECUX1H101JCV 100P / J / 50V C2249 ECUX1E104ZFV 0.1 / Z / 25V C2250 ECUX1H101JCV 100P / J / 50V C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2240	ECUX1H101JCV	100P / J / 50V
C2243 ECUX1E104ZFV 0.1 / Z / 25V C2244 ECUX1H101JCV 100P / J / 50V C2245 ECUX1E104ZFV 0.1 / Z / 25V C2246 ECUX1H101JCV 100P / J / 50V C2247 ECUX1E104ZFV 0.1 / Z / 25V C2248 ECUX1H101JCV 100P / J / 50V C2249 ECUX1E104ZFV 0.1 / Z / 25V C2250 ECUX1H101JCV 100P / J / 50V C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2241	ECUX1E104ZFV	0.1 / Z / 25V
C2244 ECUX1H101JCV 100P / J / 50V C2245 ECUX1E104ZFV 0.1 / Z / 25V C2246 ECUX1H101JCV 100P / J / 50V C2247 ECUX1E104ZFV 0.1 / Z / 25V C2248 ECUX1H101JCV 100P / J / 50V C2249 ECUX1E104ZFV 0.1 / Z / 25V C2250 ECUX1H101JCV 100P / J / 50V C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2242	ECUX1H101JCV	100P / J / 50V
C2245 ECUX1E104ZFV 0.1 / Z / 25V C2246 ECUX1H101JCV 100P / J / 50V C2247 ECUX1E104ZFV 0.1 / Z / 25V C2248 ECUX1H101JCV 100P / J / 50V C2249 ECUX1E104ZFV 0.1 / Z / 25V C2250 ECUX1H101JCV 100P / J / 50V C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2243	ECUX1E104ZFV	0.1 / Z / 25V
C2246 ECUX1H101JCV 100P / J / 50V C2247 ECUX1E104ZFV 0.1 / Z / 25V C2248 ECUX1H101JCV 100P / J / 50V C2249 ECUX1E104ZFV 0.1 / Z / 25V C2250 ECUX1H101JCV 100P / J / 50V C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2244	ECUX1H101JCV	100P / J / 50V
C2247 ECUX1E104ZFV 0.1 / Z / 25V C2248 ECUX1H101JCV 100P / J / 50V C2249 ECUX1E104ZFV 0.1 / Z / 25V C2250 ECUX1H101JCV 100P / J / 50V C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2245	ECUX1E104ZFV	0.1 / Z / 25V
C2248 ECUX1H101JCV 100P / J / 50V C2249 ECUX1E104ZFV 0.1 / Z / 25V C2250 ECUX1H101JCV 100P / J / 50V C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2246	ECUX1H101JCV	100P / J / 50V
C2249 ECUX1E104ZFV 0.1 / Z / 25V C2250 ECUX1H101JCV 100P / J / 50V C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2247	ECUX1E104ZFV	0.1 / Z / 25V
C2250 ECUX1H101JCV 100P / J / 50V C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2248	ECUX1H101JCV	100P / J / 50V
C2251 ECUX1E104ZFV 0.1 / Z / 25V C2252 ECUX1H101JCV 100P / J / 50V	C2249	ECUX1E104ZFV	0.1 / Z / 25V
C2252 ECUX1H101JCV 100P / J / 50V	C2250	ECUX1H101JCV	100P / J / 50V
	C2251	ECUX1E104ZFV	0.1 / Z / 25V
C2253 ECUX1E104ZFV 0.1 / Z / 25V	C2252	ECUX1H101JCV	100P / J / 50V
	C2253	ECUX1E104ZFV	0.1 / Z / 25V

C2255 ECUXIEI04ZFV 0.1/Z/25V C2256 ECUXIHI0IJCV 100P/J/50V C2257 ECUXIEI04ZFV 0.1/Z/25V C2258 ECUXIHI0IJCV 100P/J/50V C2259 ECUXIEI04ZFV 0.1/Z/25V C2260 ECUXIHI0IJCV 100P/J/50V C2261 ECUXIEI04ZFV 0.1/Z/25V C2262 ECUXIEI04ZFV 0.1/Z/25V C2263 ECUXIEI04ZFV 0.1/Z/25V C2264 ECUXIEI04ZFV 0.1/Z/25V C2265 ECUXIEI04ZFV 0.1/Z/25V C2266 ECUXIEI04ZFV 0.1/Z/25V C2267 ECUXIEI04ZFV 0.1/Z/25V C2268 ECUXIEI04ZFV 0.1/Z/25V C2269 ECUXIEI04ZFV 0.1/Z/25V C2260 ECUXIHI0IJCV 100P/J/50V C2270 ECUXIHI0IJCV 100P/J/50V C2271 ECUXIEI04ZFV 0.1/Z/25V C2272 ECUXIEI04ZFV 0.1/Z/25V C2273 ECUXIHI0IJCV 100P/J/50V C2274 ECUXIEI04ZFV 0.1/Z/25V C2275 ECUXIEI04ZFV 0.1/Z/25V C2276 ECUXIHI0IJCV 100P/J/50V C2277 ECUXIEI04ZFV 0.1/Z/25V C2278 ECUXIEI04ZFV 0.1/Z/25V C2279 ECUXIEI04ZFV 0.1/Z/25V C2366 ECUXIEI04ZFV 0.1/Z/25V C2367 ECUXIEI04ZFV 0.1/Z/25V C2368 ECUXIEI04ZFV 0.1/Z/25V C2369 ECUXIEI04ZFV 0.1/Z/25V C2369 ECUXIEI04ZFV 0.1/Z/25V C2369 ECUXIEI04ZFV 0.1/Z/25V C2369 ECUXIEI04ZFV 0.1/Z/25V C2370 ECUXIEI04ZFV 0.1/Z/25V C2371 ECUXIEI04ZFV 0.1/Z/25V C2372 ECUXIEI04ZFV 0.1/Z/25V C2373 ECUXIEI04ZFV 0.1/Z/25V C2374 ECUXIEI04ZFV 0.1/Z/25V C2375 ECUXIEI04ZFV 0.1/Z/25V C2376 ECUXIEI04ZFV 0.1/Z/25V C2377 ECUXIEI04ZFV 0.1/Z/25V C2378 ECUXIEI04ZFV 0.1/Z/25V C2379 ECUXIEI04ZFV 0.1/Z/25V		1	T
C2256 ECUXIHIOIJCV 100P/J/50V C2257 ECUXIEI04ZFV 0.1/Z/25V C2258 ECUXIHIOIJCV 100P/J/50V C2259 ECUXIEI04ZFV 0.1/Z/25V C2260 ECUXIHIOIJCV 100P/J/50V C2261 ECUXIEI04ZFV 0.1/Z/25V C2262 ECUXIEI04ZFV 0.1/Z/25V C2263 ECUXIEI04ZFV 0.1/Z/25V C2264 ECUXIEI04ZFV 0.1/Z/25V C2265 ECUXIEI04ZFV 0.1/Z/25V C2266 ECUXIEI04ZFV 0.1/Z/25V C2267 ECUXIEI04ZFV 0.1/Z/25V C2268 ECUXIHIOIJCV 100P/J/50V C2269 ECUXIHIOIJCV 100P/J/50V C2270 ECUXIHIOIJCV 100P/J/50V C2271 ECUXIEI04ZFV 0.1/Z/25V C2272 ECUXIEI04ZFV 0.1/Z/25V C2273 ECUXIHIOIJCV 100P/J/50V C2274 ECUXIEI04ZFV 0.1/Z/25V C2275 ECUXIEI04ZFV 0.1/Z/25V C2276 ECUXIHIOIJCV 100P/J/50V C2277 ECUXIEI04ZFV 0.1/Z/25V C2278 ECUXIHIOIJCV 100P/J/50V C2279 ECUXIHIOIJCV 100P/J/50V C2270 ECUXIHIOIJCV 100P/J/50V C2271 ECUXIEI04ZFV 0.1/Z/25V C2365 ECUXIEI04ZFV 0.1/Z/25V C2366 ECUXIEI04ZFV 0.1/Z/25V C2367 ECUXIHIOIJCV 100P/J/50V C2368 ECUXIEI04ZFV 0.1/Z/25V C2369 ECUXIEI04ZFV 0.1/Z/25V C2370 ECUXIEI04ZFV 0.1/Z/25V C2371 ECUXIEI04ZFV 0.1/Z/25V C2372 ECUXIEI04ZFV 0.1/Z/25V C2373 ECUXIEI04ZFV 0.1/Z/25V C2374 ECUXIHIOIJCV 100P/J/50V C2375 ECUXIHIOIJCV 100P/J/50V C2376 ECUXIEI04ZFV 0.1/Z/25V C2377 ECUXIEI04ZFV 0.1/Z/25V C2378 ECUXIHIOIJCV 100P/J/50V C2379 ECUXIEI04ZFV 0.1/Z/25V	C2254	ECUX1H101JCV	100P / J / 50V
C2257 ECUX1E104ZFV 0.1/Z/25V C2258 ECUX1H101JCV 100P/J/50V C2259 ECUX1E104ZFV 0.1/Z/25V C2260 ECUX1H101JCV 100P/J/50V C2261 ECUX1E104ZFV 0.1/Z/25V C2262 ECUX1E104ZFV 0.1/Z/25V C2263 ECUX1E104ZFV 0.1/Z/25V C2264 ECUX1E104ZFV 0.1/Z/25V C2265 ECUX1E104ZFV 0.1/Z/25V C2266 ECUX1E104ZFV 0.1/Z/25V C2267 ECUX1E104ZFV 0.1/Z/25V C2268 ECUX1H101JCV 100P/J/50V C2269 ECUX1H101JCV 100P/J/50V C2270 ECUX1E104ZFV 0.1/Z/25V C2271 ECUX1E104ZFV 0.1/Z/25V C2272 ECUX1H101JCV 100P/J/50V C2365 ECUX1E104ZFV 0.1/Z/25V C2366 ECUX1E104ZFV 0.1/Z/25V C2367 ECUX1H101JCV 100P/J/50V C2368 ECUX1H101JCV 100P/J/50V C2370 ECUX1E104ZFV<	C2255	ECUX1E104ZFV	0.1 / Z / 25V
C2258 ECUX1H101JCV 100P/J/50V C2259 ECUX1E104ZFV 0.1/Z/25V C2260 ECUX1H101JCV 100P/J/50V C2261 ECUX1E104ZFV 0.1/Z/25V C2262 ECUX1E104ZFV 0.1/Z/25V C2263 ECUX1E104ZFV 0.1/Z/25V C2264 ECUX1H101JCV 100P/J/50V C2265 ECUX1E104ZFV 0.1/Z/25V C2266 ECUX1E104ZFV 0.1/Z/25V C2267 ECUX1E104ZFV 0.1/Z/25V C2268 ECUX1H101JCV 100P/J/50V C2269 ECUX1H101JCV 100P/J/50V C2270 ECUX1H101JCV 100P/J/50V C2271 ECUX1E104ZFV 0.1/Z/25V C2272 ECUX1E104ZFV 0.1/Z/25V C2273 ECUX1H101JCV 100P/J/50V C2274 ECUX1H101JCV 100P/J/50V C2275 ECUX1H101JCV 100P/J/50V C2276 ECUX1H101JCV 100P/J/50V C2277 ECUX1E104ZFV 0.1/Z/25V C2278 ECUX1H101JCV 100P/J/50V C2365 ECUX1E104ZFV 0.1/Z/25V C2366 ECUX1E104ZFV 0.1/Z/25V C2367 ECUX1H101JCV 100P/J/50V C2368 ECUX1H101JCV 100P/J/50V C2369 ECUX1E104ZFV 0.1/Z/25V C2370 ECUX1E104ZFV 0.1/Z/25V C2371 ECUX1E104ZFV 0.1/Z/25V C2372 ECUX1H101JCV 100P/J/50V C2373 ECUX1E104ZFV 0.1/Z/25V C2374 ECUX1H101JCV 100P/J/50V C2375 ECUX1H101JCV 100P/J/50V C2376 ECUX1H101JCV 100P/J/50V C2377 ECUX1H101JCV 100P/J/50V C2378 ECUX1H101JCV 100P/J/50V C2379 ECUX1H101JCV 100P/J/50V C2379 ECUX1E104ZFV 0.1/Z/25V C2378 ECUX1E104ZFV 0.1/Z/25V C2379 ECUX1E104ZFV 0.1/Z/25V C2380 ECUX1H101JCV 100P/J/50V C2381 ECUX1H101JCV 100P/J/50V	C2256	ECUX1H101JCV	100P / J / 50V
C2259 ECUX1E104ZFV 0.1/Z/25V C2260 ECUX1H101JCV 100P/J/50V C2261 ECUX1E104ZFV 0.1/Z/25V C2262 ECUX1E104ZFV 0.1/Z/25V C2263 ECUX1E104ZFV 0.1/Z/25V C2264 ECUX1H101JCV 100P/J/50V C2265 ECUX1E104ZFV 0.1/Z/25V C2266 ECUX1E104ZFV 0.1/Z/25V C2266 ECUX1E104ZFV 0.1/Z/25V C2267 ECUX1E104ZFV 0.1/Z/25V C2268 ECUX1H101JCV 100P/J/50V C2269 ECUX1H101JCV 100P/J/50V C2270 ECUX1H101JCV 100P/J/50V C2271 ECUX1E104ZFV 0.1/Z/25V C2272 ECUX1E104ZFV 0.1/Z/25V C2273 ECUX1H101JCV 100P/J/50V C2274 ECUX1H101JCV 100P/J/50V C2365 ECUX1E104ZFV 0.1/Z/25V C2366 ECUX1E104ZFV 0.1/Z/25V C2367 ECUX1H101JCV 100P/J/50V C2368 ECUX1E104ZFV 0.1/Z/25V C2369 ECUX1H101JCV 100P/J/50V C2369 ECUX1H101JCV 100P/J/50V C2369 ECUX1E104ZFV 0.1/Z/25V C2370 ECUX1H101JCV 100P/J/50V C2371 ECUX1H101JCV 100P/J/50V C2372 ECUX1H101JCV 100P/J/50V C2373 ECUX1H101JCV 100P/J/50V C2374 ECUX1H101JCV 100P/J/50V C2375 ECUX1H101JCV 100P/J/50V C2375 ECUX1H101JCV 100P/J/50V C2376 ECUX1H101JCV 100P/J/50V C2377 ECUX1H101JCV 100P/J/50V C2378 ECUX1H101JCV 100P/J/50V C2379 ECUX1H101JCV 100P/J/50V C2379 ECUX1H101JCV 100P/J/50V C2379 ECUX1E104ZFV 0.1/Z/25V C2379 ECUX1E104ZFV 0.1/Z/25V C2379 ECUX1E104ZFV 0.1/Z/25V C2380 ECUX1H101JCV 100P/J/50V	C2257	ECUX1E104ZFV	0.1 / Z / 25V
C2260 ECUXIHIOIJCV 100P/J/50V C2261 ECUXIEI04ZFV 0.1/Z/25V C2262 ECUXIEI04ZFV 0.1/Z/25V C2263 ECUXIEI04ZFV 0.1/Z/25V C2264 ECUXIHIOIJCV 100P/J/50V C2265 ECUXIEI04ZFV 0.1/Z/25V C2266 ECUXIEI04ZFV 0.1/Z/25V C2267 ECUXIEI04ZFV 0.1/Z/25V C2268 ECUXIHIOIJCV 100P/J/50V C2269 ECUXIHIOIJCV 100P/J/50V C2270 ECUXIHIOIJCV 100P/J/50V C2271 ECUXIEI04ZFV 0.1/Z/25V C2272 ECUXIEI04ZFV 0.1/Z/25V C2273 ECUXIHIOIJCV 100P/J/50V C2274 ECUXIHIOIJCV 100P/J/50V C2275 ECUXIHIOIJCV 100P/J/50V C2366 ECUXIEI04ZFV 0.1/Z/25V C2367 ECUXIHIOIJCV 100P/J/50V C2368 ECUXIEI04ZFV 0.1/Z/25V C2369 ECUXIEI04ZFV 0.1/Z/25V C2360 ECUXIEI04ZFV 0.1/Z/25V C2361 ECUXIHIOIJCV 100P/J/50V C2362 ECUXIEI04ZFV 0.1/Z/25V C2363 ECUXIHIOIJCV 100P/J/50V C2364 ECUXIEI04ZFV 0.1/Z/25V C2375 ECUXIHIOIJCV 100P/J/50V C2371 ECUXIHIOIJCV 100P/J/50V C2372 ECUXIHIOIJCV 100P/J/50V C2373 ECUXIHIOIJCV 100P/J/50V C2374 ECUXIHIOIJCV 100P/J/50V C2375 ECUXIHIOIJCV 100P/J/50V C2376 ECUXIHIOIJCV 100P/J/50V C2377 ECUXIHIOIJCV 100P/J/50V C2378 ECUXIHIOIJCV 100P/J/50V C2379 ECUXIHIOIJCV 100P/J/50V C2379 ECUXIEI04ZFV 0.1/Z/25V C2379 ECUXIEI04ZFV 0.1/Z/25V C2379 ECUXIEI04ZFV 0.1/Z/25V C2380 ECUXIHIOIJCV 100P/J/50V C2381 ECUXIHIOIJCV 100P/J/50V	C2258	ECUX1H101JCV	100P / J / 50V
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C2375 ECUX1H101JCV 100P / J / 50V C2376 ECUX1H101JCV 100P / J / 50V C2377 ECUX1E104ZFV 0.1 / Z / 25V C2378 ECUX1E104ZFV 0.1 / Z / 25V C2379 ECUX1E104ZFV 0.1 / Z / 25V C2380 ECUX1H101JCV 100P / J / 50V C2381 ECUX1H101JCV 100P / J / 50V	C2373	ECUX1E104ZFV	0.1 / Z / 25V
C2376 ECUX1H101JCV 100P / J / 50V C2377 ECUX1E104ZFV 0.1 / Z / 25V C2378 ECUX1E104ZFV 0.1 / Z / 25V C2379 ECUX1E104ZFV 0.1 / Z / 25V C2380 ECUX1H101JCV 100P / J / 50V C2381 ECUX1H101JCV 100P / J / 50V	C2374	ECUX1H101JCV	100P / J / 50V
C2377 ECUX1E104ZFV 0.1 / Z / 25V C2378 ECUX1E104ZFV 0.1 / Z / 25V C2379 ECUX1E104ZFV 0.1 / Z / 25V C2380 ECUX1H101JCV 100P / J / 50V C2381 ECUX1H101JCV 100P / J / 50V	C2375	ECUX1H101JCV	100P / J / 50V
C2378 ECUX1E104ZFV 0.1 / Z / 25V C2379 ECUX1E104ZFV 0.1 / Z / 25V C2380 ECUX1H101JCV 100P / J / 50V C2381 ECUX1H101JCV 100P / J / 50V	C2376	ECUX1H101JCV	100P / J / 50V
C2379 ECUX1E104ZFV 0.1 / Z / 25V C2380 ECUX1H101JCV 100P / J / 50V C2381 ECUX1H101JCV 100P / J / 50V	C2377	ECUX1E104ZFV	0.1 / Z / 25V
C2380 ECUX1H101JCV 100P / J / 50V C2381 ECUX1H101JCV 100P / J / 50V	C2378	ECUX1E104ZFV	0.1 / Z / 25V
C2381 ECUX1H101JCV 100P / J / 50V	C2379	ECUX1E104ZFV	0.1 / Z / 25V
	C2380	ECUX1H101JCV	100P / J / 50V
C2382 ECUX1H101JCV 100P / J / 50V	C2381	ECUX1H101JCV	100P / J / 50V
	C2382	ECUX1H101JCV	100P / J / 50V

C2384 ECUXIEI04ZFV 0.1/Z/25V C2385 ECUXIHI01JCV 100P/J/50V C2386 ECUXIHI01JCV 100P/J/50V C2387 ECUXIEI04ZFV 0.1/Z/25V C2388 ECUXIEI04ZFV 0.1/Z/25V C2389 ECUXIEI04ZFV 0.1/Z/25V C2390 ECUXIHI01JCV 100P/J/50V C2391 ECUXIHI01JCV 100P/J/50V C2392 ECUXIHI01JCV 100P/J/50V C2393 ECUXIEI04ZFV 0.1/Z/25V C2394 ECUXIEI04ZFV 0.1/Z/25V C2395 ECUXIEI04ZFV 0.1/Z/25V C2396 ECUXIHI01JCV 100P/J/50V C2397 ECUXIEI04ZFV 0.1/Z/25V C2398 ECUXIEI04ZFV 0.1/Z/25V C2399 ECUXIHI01JCV 100P/J/50V C2397 ECUXIEI04ZFV 0.1/Z/25V C2398 ECUXIEI04ZFV 0.1/Z/25V C2399 ECUXIHI01JCV 100P/J/50V C2400 ECUXIEI04ZFV 0.1/Z/25V C2401 ECUXIHI01JCV 100P/J/50V C2402 ECUXIEI04ZFV 0.1/Z/25V C2403 ECUXIHI01JCV 100P/J/50V C2404 ECUXIEI04ZFV 0.1/Z/25V C2405 ECUXIHI01JCV 100P/J/50V C2406 ECUXIEI04ZFV 0.1/Z/25V C2407 ECUXIHI01JCV 100P/J/50V C2408 ECUXIHI01JCV 100P/J/50V C2409 ECUXIHI01JCV 100P/J/50V C2409 ECUXIHI01JCV 100P/J/50V C2410 ECUXIHI01JCV 100P/J/50V C2410 ECUXIHI01JCV 100P/J/50V C2411 ECUXIHI01JCV 100P/J/50V C2412 ECUXIHI01JCV 100P/J/50V C2413 ECUXIHI01JCV 100P/J/50V C2414 ECUXIEI04ZFV 0.1/Z/25V C2415 ECUXIEI04ZFV 0.1/Z/25V C2416 ECUXIEI04ZFV 0.1/Z/25V C2417 ECUXIEI04ZFV 0.1/Z/25V C2418 ECUXIHI01JCV 100P/J/50V C2419 ECUXIHI01JCV 100P/J/50V C2410 ECUXIEI04ZFV 0.1/Z/25V C2411 ECUXIEI04ZFV 0.1/Z/25V C2412 ECUXIEI04ZFV 0.1/Z/25V C2413 ECUXIEI04ZFV 0.1/Z/25V C2414 ECUXIEI04ZFV 0.1/Z/25V C2415 ECUXIEI04ZFV 0.1/Z/25V C2416 ECUXIEI04ZFV 0.1/Z/25V C2417 ECUXIEI04ZFV 0.1/Z/25V C2418 ECUXIHI0IJCV 100P/J/50V C2419 ECUXIEI04ZFV 0.1/Z/25V	Gaaaa	FOUNDAMENT OF THE	0.1.77.40533
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C2395 ECUX1E104ZFV 0.1/Z/25V C2396 ECUX1H101JCV 100P/J/50V C2397 ECUX1E104ZFV 0.1/Z/25V C2398 ECUX1E104ZFV 0.1/Z/25V C2399 ECUX1H101JCV 100P/J/50V C2400 ECUX1E104ZFV 0.1/Z/25V C2401 ECUX1E104ZFV 0.1/Z/25V C2402 ECUX1E104ZFV 0.1/Z/25V C2403 ECUX1H101JCV 100P/J/50V C2404 ECUX1E104ZFV 0.1/Z/25V C2405 ECUX1H101JCV 100P/J/50V C2406 ECUX1E104ZFV 0.1/Z/25V C2407 ECUX1H101JCV 100P/J/50V C2408 ECUX1H101JCV 100P/J/50V C2409 ECUX1H101JCV 100P/J/50V C2410 ECUX1H101JCV 100P/J/50V C2411 ECUX1E104ZFV 0.1/Z/25V C2412 ECUX1H101JCV 100P/J/50V C2413 ECUX1H101JCV 100P/J/50V C2414 ECUX1H101JCV 100P/J/50V C2415 ECUX1H101JCV 100P/J/50V C2416 ECUX1E104ZFV 0.1/Z/25V C2417 ECUX1E104ZFV 0.1/Z/25V C2418 ECUX1E104ZFV 0.1/Z/25V C2419 ECUX1H101JCV 100P/J/50V	C2393	ECUX1E104ZFV	0.1 / Z / 25V
C2396 ECUXIHI01JCV 100P/J/50V C2397 ECUXIE104ZFV 0.1/Z/25V C2398 ECUXIE104ZFV 0.1/Z/25V C2399 ECUXIHI01JCV 100P/J/50V C2400 ECUXIE104ZFV 0.1/Z/25V C2401 ECUXIHI01JCV 100P/J/50V C2402 ECUXIE104ZFV 0.1/Z/25V C2403 ECUXIHI01JCV 100P/J/50V C2404 ECUXIE104ZFV 0.1/Z/25V C2405 ECUXIHI01JCV 100P/J/50V C2406 ECUXIE104ZFV 0.1/Z/25V C2407 ECUXIHI01JCV 100P/J/50V C2408 ECUXIHI01JCV 100P/J/50V C2409 ECUXIHI01JCV 100P/J/50V C2410 ECUXIHI01JCV 100P/J/50V C2411 ECUXIE104ZFV 0.1/Z/25V C2412 ECUXIHI01JCV 100P/J/50V C2413 ECUXIHI01JCV 100P/J/50V C2414 ECUXIHI01JCV 100P/J/50V C2415 ECUXIHI01JCV 100P/J/50V C2416 ECUXIE104ZFV 0.1/Z/25V C2417 ECUXIE104ZFV 0.1/Z/25V C2418 ECUXIE104ZFV 0.1/Z/25V C2419 ECUXIHI01JCV 100P/J/50V C2419 ECUXIHI01JCV 100P/J/50V C2419 ECUXIHI01JCV 100P/J/50V C2420 ECUXIHI01JCV 100P/J/50V	C2394	ECUX1E104ZFV	0.1 / Z / 25V
C2397 ECUXIE104ZFV 0.1/Z/25V C2398 ECUXIE104ZFV 0.1/Z/25V C2399 ECUXIH101JCV 100P/J/50V C2400 ECUXIE104ZFV 0.1/Z/25V C2401 ECUXIH101JCV 100P/J/50V C2402 ECUXIE104ZFV 0.1/Z/25V C2403 ECUXIH101JCV 100P/J/50V C2404 ECUXIE104ZFV 0.1/Z/25V C2405 ECUXIH101JCV 100P/J/50V C2406 ECUXIE104ZFV 0.1/Z/25V C2407 ECUXIH101JCV 100P/J/50V C2408 ECUXIH101JCV 100P/J/50V C2410 ECUXIH101JCV 100P/J/50V C2410 ECUXIH101JCV 100P/J/50V C2411 ECUXIE104ZFV 0.1/Z/25V C2412 ECUXIE104ZFV 0.1/Z/25V C2413 ECUXIH101JCV 100P/J/50V C2414 ECUXIH101JCV 100P/J/50V C2415 ECUXIH101JCV 100P/J/50V C2416 ECUXIE104ZFV 0.1/Z/25V C2417 ECUXIE104ZFV 0.1/Z/25V C2418 ECUXIE104ZFV 0.1/Z/25V C2419 ECUXIE104ZFV 0.1/Z/25V C2418 ECUXIE104ZFV 0.1/Z/25V C2419 ECUXIH101JCV 100P/J/50V C2419 ECUXIH101JCV 100P/J/50V C2420 ECUXIH101JCV 100P/J/50V	C2395	ECUX1E104ZFV	0.1 / Z / 25V
C2398 ECUXIEI04ZFV 0.1/Z/25V C2399 ECUXIHI0IJCV 100P/J/50V C2400 ECUXIEI04ZFV 0.1/Z/25V C2401 ECUXIHI0IJCV 100P/J/50V C2402 ECUXIEI04ZFV 0.1/Z/25V C2403 ECUXIHI0IJCV 100P/J/50V C2404 ECUXIEI04ZFV 0.1/Z/25V C2405 ECUXIHI0IJCV 100P/J/50V C2406 ECUXIEI04ZFV 0.1/Z/25V C2407 ECUXIHI0IJCV 100P/J/50V C2408 ECUXIHI0IJCV 100P/J/50V C2409 ECUXIHI0IJCV 100P/J/50V C2410 ECUXIHI0IJCV 100P/J/50V C2411 ECUXIEI04ZFV 0.1/Z/25V C2412 ECUXIEI04ZFV 0.1/Z/25V C2413 ECUXIHI0IJCV 100P/J/50V C2414 ECUXIHI0IJCV 100P/J/50V C2415 ECUXIEI04ZFV 0.1/Z/25V C2416 ECUXIEI04ZFV 0.1/Z/25V C2417 ECUXIEI04ZFV 0.1/Z/25V C2418 ECUXIEI04ZFV 0.1/Z/25V C2419 ECUXIEI04ZFV 0.1/Z/25V C2419 ECUXIHI0IJCV 100P/J/50V C2419 ECUXIHI0IJCV 100P/J/50V C2419 ECUXIHI0IJCV 100P/J/50V C2420 ECUXIHI0IJCV 100P/J/50V	C2396	ECUX1H101JCV	100P / J / 50V
C2399 ECUX1H101JCV 100P / J / 50V C2400 ECUX1E104ZFV 0.1 / Z / 25V C2401 ECUX1H101JCV 100P / J / 50V C2402 ECUX1E104ZFV 0.1 / Z / 25V C2403 ECUX1H101JCV 100P / J / 50V C2404 ECUX1E104ZFV 0.1 / Z / 25V C2405 ECUX1H101JCV 100P / J / 50V C2406 ECUX1E104ZFV 0.1 / Z / 25V C2407 ECUX1H101JCV 100P / J / 50V C2408 ECUX1H101JCV 100P / J / 50V C2409 ECUX1H101JCV 100P / J / 50V C2410 ECUX1H101JCV 100P / J / 50V C2411 ECUX1E104ZFV 0.1 / Z / 25V C2412 ECUX1E104ZFV 0.1 / Z / 25V C2413 ECUX1H101JCV 100P / J / 50V C2414 ECUX1H101JCV 100P / J / 50V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2397	ECUX1E104ZFV	0.1 / Z / 25V
C2400 ECUX1E104ZFV 0.1 / Z / 25V C2401 ECUX1H101JCV 100P / J / 50V C2402 ECUX1E104ZFV 0.1 / Z / 25V C2403 ECUX1H101JCV 100P / J / 50V C2404 ECUX1E104ZFV 0.1 / Z / 25V C2405 ECUX1H101JCV 100P / J / 50V C2406 ECUX1H101JCV 100P / J / 50V C2407 ECUX1H101JCV 100P / J / 50V C2408 ECUX1H101JCV 100P / J / 50V C2410 ECUX1H101JCV 100P / J / 50V C2411 ECUX1E104ZFV 0.1 / Z / 25V C2412 ECUX1E104ZFV 0.1 / Z / 25V C2413 ECUX1H101JCV 100P / J / 50V C2414 ECUX1H101JCV 100P / J / 50V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V	C2398	ECUX1E104ZFV	0.1 / Z / 25V
C2401 ECUX1H101JCV 100P/J/50V C2402 ECUX1E104ZFV 0.1/Z/25V C2403 ECUX1H101JCV 100P/J/50V C2404 ECUX1E104ZFV 0.1/Z/25V C2405 ECUX1H101JCV 100P/J/50V C2406 ECUX1H101JCV 100P/J/50V C2407 ECUX1H101JCV 100P/J/50V C2408 ECUX1H101JCV 100P/J/50V C2409 ECUX1H101JCV 100P/J/50V C2410 ECUX1E104ZFV 0.1/Z/25V C2411 ECUX1E104ZFV 0.1/Z/25V C2412 ECUX1H101JCV 100P/J/50V C2413 ECUX1H101JCV 100P/J/50V C2414 ECUX1E104ZFV 0.1/Z/25V C2415 ECUX1E104ZFV 0.1/Z/25V C2416 ECUX1E104ZFV 0.1/Z/25V C2417 ECUX1E104ZFV 0.1/Z/25V C2418 ECUX1H101JCV 100P/J/50V C2419 ECUX1H101JCV 100P/J/50V	C2399	ECUX1H101JCV	100P / J / 50V
C2402 ECUX1E104ZFV 0.1 / Z / 25V C2403 ECUX1H101JCV 100P / J / 50V C2404 ECUX1E104ZFV 0.1 / Z / 25V C2405 ECUX1H101JCV 100P / J / 50V C2406 ECUX1E104ZFV 0.1 / Z / 25V C2407 ECUX1H101JCV 100P / J / 50V C2408 ECUX1H101JCV 100P / J / 50V C2409 ECUX1H101JCV 100P / J / 50V C2410 ECUX1E104ZFV 0.1 / Z / 25V C2412 ECUX1E104ZFV 0.1 / Z / 25V C2413 ECUX1H101JCV 100P / J / 50V C2414 ECUX1H101JCV 100P / J / 50V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2400	ECUX1E104ZFV	0.1 / Z / 25V
C2403 ECUX1H101JCV 100P / J / 50V C2404 ECUX1E104ZFV 0.1 / Z / 25V C2405 ECUX1H101JCV 100P / J / 50V C2406 ECUX1E104ZFV 0.1 / Z / 25V C2407 ECUX1H101JCV 100P / J / 50V C2408 ECUX1H101JCV 100P / J / 50V C2410 ECUX1H101JCV 100P / J / 50V C2411 ECUX1E104ZFV 0.1 / Z / 25V C2412 ECUX1E104ZFV 0.1 / Z / 25V C2413 ECUX1H101JCV 100P / J / 50V C2414 ECUX1H101JCV 100P / J / 50V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2401	ECUX1H101JCV	100P / J / 50V
C2404 ECUX1E104ZFV 0.1 / Z / 25V C2405 ECUX1H101JCV 100P / J / 50V C2406 ECUX1E104ZFV 0.1 / Z / 25V C2407 ECUX1H101JCV 100P / J / 50V C2408 ECUX1H101JCV 100P / J / 50V C2409 ECUX1H101JCV 100P / J / 50V C2410 ECUX1H101JCV 100P / J / 50V C2411 ECUX1E104ZFV 0.1 / Z / 25V C2412 ECUX1E104ZFV 0.1 / Z / 25V C2413 ECUX1H101JCV 100P / J / 50V C2414 ECUX1H101JCV 100P / J / 50V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2402	ECUX1E104ZFV	0.1 / Z / 25V
C2405 ECUX1H101JCV 100P/J/50V C2406 ECUX1E104ZFV 0.1/Z/25V C2407 ECUX1H101JCV 100P/J/50V C2408 ECUX1H101JCV 100P/J/50V C2409 ECUX1H101JCV 100P/J/50V C2410 ECUX1H101JCV 100P/J/50V C2411 ECUX1E104ZFV 0.1/Z/25V C2412 ECUX1E104ZFV 0.1/Z/25V C2413 ECUX1H101JCV 100P/J/50V C2414 ECUX1H101JCV 100P/J/50V C2415 ECUX1E104ZFV 0.1/Z/25V C2416 ECUX1E104ZFV 0.1/Z/25V C2417 ECUX1E104ZFV 0.1/Z/25V C2418 ECUX1H101JCV 100P/J/50V C2419 ECUX1H101JCV 100P/J/50V C2420 ECUX1H101JCV 100P/J/50V	C2403	ECUX1H101JCV	100P / J / 50V
C2406 ECUX1E104ZFV 0.1 / Z / 25V C2407 ECUX1H101JCV 100P / J / 50V C2408 ECUX1H101JCV 100P / J / 50V C2409 ECUX1H101JCV 100P / J / 50V C2410 ECUX1H101JCV 100P / J / 50V C2411 ECUX1E104ZFV 0.1 / Z / 25V C2412 ECUX1H101JCV 100P / J / 50V C2413 ECUX1H101JCV 100P / J / 50V C2414 ECUX1E104ZFV 0.1 / Z / 25V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V	C2404	ECUX1E104ZFV	0.1 / Z / 25V
C2407 ECUX1H101JCV 100P / J / 50V C2408 ECUX1H101JCV 100P / J / 50V C2409 ECUX1H101JCV 100P / J / 50V C2410 ECUX1H101JCV 100P / J / 50V C2411 ECUX1E104ZFV 0.1 / Z / 25V C2412 ECUX1E104ZFV 0.1 / Z / 25V C2413 ECUX1H101JCV 100P / J / 50V C2414 ECUX1H101JCV 100P / J / 50V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2405	ECUX1H101JCV	100P / J / 50V
C2408 ECUX1H101JCV 100P / J / 50V C2409 ECUX1H101JCV 100P / J / 50V C2410 ECUX1H101JCV 100P / J / 50V C2411 ECUX1E104ZFV 0.1 / Z / 25V C2412 ECUX1E104ZFV 0.1 / Z / 25V C2413 ECUX1H101JCV 100P / J / 50V C2414 ECUX1H101JCV 100P / J / 50V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2406	ECUX1E104ZFV	0.1 / Z / 25V
C2409 ECUX1H101JCV 100P / J / 50V C2410 ECUX1H101JCV 100P / J / 50V C2411 ECUX1E104ZFV 0.1 / Z / 25V C2412 ECUX1E104ZFV 0.1 / Z / 25V C2413 ECUX1H101JCV 100P / J / 50V C2414 ECUX1H101JCV 100P / J / 50V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2407	ECUX1H101JCV	100P / J / 50V
C2410 ECUX1H101JCV 100P / J / 50V C2411 ECUX1E104ZFV 0.1 / Z / 25V C2412 ECUX1E104ZFV 0.1 / Z / 25V C2413 ECUX1H101JCV 100P / J / 50V C2414 ECUX1H101JCV 100P / J / 50V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2408	ECUX1H101JCV	100P / J / 50V
C2411 ECUX1E104ZFV 0.1 / Z / 25V C2412 ECUX1E104ZFV 0.1 / Z / 25V C2413 ECUX1H101JCV 100P / J / 50V C2414 ECUX1H101JCV 100P / J / 50V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2409	ECUX1H101JCV	100P / J / 50V
C2412 ECUX1E104ZFV 0.1 / Z / 25V C2413 ECUX1H101JCV 100P / J / 50V C2414 ECUX1H101JCV 100P / J / 50V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2410	ECUX1H101JCV	100P / J / 50V
C2413 ECUX1H101JCV 100P / J / 50V C2414 ECUX1H101JCV 100P / J / 50V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2411	ECUX1E104ZFV	0.1 / Z / 25V
C2414 ECUX1H101JCV 100P / J / 50V C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2412	ECUX1E104ZFV	0.1 / Z / 25V
C2415 ECUX1E104ZFV 0.1 / Z / 25V C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2413	ECUX1H101JCV	100P / J / 50V
C2416 ECUX1E104ZFV 0.1 / Z / 25V C2417 ECUX1E104ZFV 0.1 / Z / 25V C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2414	ECUX1H101JCV	100P / J / 50V
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C2418 ECUX1H101JCV 100P / J / 50V C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2416	ECUX1E104ZFV	0.1 / Z / 25V
C2419 ECUX1H101JCV 100P / J / 50V C2420 ECUX1H101JCV 100P / J / 50V	C2417	ECUX1E104ZFV	0.1 / Z / 25V
C2420 ECUX1H101JCV 100P / J / 50V	C2418	ECUX1H101JCV	100P / J / 50V
	C2419	ECUX1H101JCV	100P / J / 50V
C2421 ECUX1E104ZFV 0.1 / Z / 25V	C2420	ECUX1H101JCV	100P / J / 50V
	C2421	ECUX1E104ZFV	0.1 / Z / 25V

C2422	ECUX1E104ZFV	0.1 / Z / 25V
C2423	ECUX1E104ZFV	0.1 / Z / 25V
C2424	ECUX1H101JCV	100P / J / 50V
C2425	ECUX1H101JCV	100P / J / 50V
C2426	ECUX1H101JCV	100P / J / 50V
C2427	ECUX1E104ZFV	0.1 / Z / 25V
C2428	ECUX1E104ZFV	0.1 / Z / 25V
C2429	F2G1A1010013	100 / M / 10V
C2430	ECUX1H101JCV	100P / J / 50V
C2431	ECUX1E104ZFV	0.1 / Z / 25V
C2432	ECUX1H101JCV	100P / J / 50V
C2433	ECUX1E104ZFV	0.1 / Z / 25V
C2434	ECUX1H101JCV	100P / J / 50V
C2435	ECUX1E104ZFV	0.1 / Z / 25V
C2436	ECUX1H101JCV	100P / J / 50V
C2437	ECUX1E104ZFV	0.1 / Z / 25V
C2438	ECUX1H101JCV	100P / J / 50V
C2439	ECUX1E104ZFV	0.1 / Z / 25V
C2440	ECUX1H101JCV	100P / J / 50V
C2441	ECUX1E104ZFV	0.1 / Z / 25V
C2442	ECUX1H101JCV	100P / J / 50V
C2443	ECUX1H101JCV	100P / J / 50V
C2444	ECUX1E104ZFV	0.1 / Z / 25V
C2445	ECUX1H101JCV	100P / J / 50V
C2446	ECUX1E104ZFV	0.1 / Z / 25V
C2447	F2G1A1010013	100 / M / 10V
C2448	ECUX1H470JCV	47P / J / 50V
C2449	ECUX1H101JCV	100P / J / 50V
C2450	ECUX1E104ZFV	0.1 / Z / 25V
C2451	ECUX1H470JCV	47P / J / 50V
C2452	ECUX1H470JCV	47P / J / 50V
C2453	ECUX1E104ZFV	0.1 / Z / 25V
C2454	ECUX1H103KBV	0.01 / K / 50V
C2455	ECUX1H101JCV	100P / J / 50V
C2456	ECUX1H102KBV	1000P / K / 50V
C2457	ECUX1E104ZFV	0.1 / Z / 25V
C2458	ECUX1H101JCV	100P / J / 50V
C2459	ECUX1H101JCV	100P / J / 50V
C2460	ECUX1E104ZFV	0.1 / Z / 25V

C2461	ECUX1E104ZFV	0.1 / Z / 25V
C2462	ECUX1E104ZFV	0.1 / Z / 25V
C2463	ECUX1E104ZFV	0.1 / Z / 25V
C2464	F2G1E4R70008	4.7 / M / 25V
C2465	F2G1E4R70008	4.7 / M / 25V
C2466	F2G1E4R70008	4.7 / M / 25V
C2467	ECUV1H222KBV	2200P / K / 50V
C2468	ECUX1C224ZFV	0.22 / Z / 16V
C2469	ECUX1H120JCV	12P / J / 50V
C2470	ECUX1H101JCV	100P / J / 50V
C2471	F2G1A1010013	100 / M / 10V
C2472	ECUX1E104ZFV	0.1 / Z / 25V
C2473	ECUX1H102KBV	1000P / K / 50V
C2474	ECUX1E104ZFV	0.1 / Z / 25V
C2475	ECUX1E104ZFV	0.1 / Z / 25V
C2476	ECUX1E104ZFV	0.1 / Z / 25V
C2477	ECUX1E104ZFV	0.1 / Z / 25V
C2478	ECUX1E104ZFV	0.1 / Z / 25V
C2479	ECUX1H102KBV	1000P / K / 50V
C2480	ECUX1E104ZFV	0.1 / Z / 25V
C2481	ECUX1E104ZFV	0.1 / Z / 25V
C2482	ECUX1H102KBV	1000P / K / 50V
C2483	ECUX1E104ZFV	0.1 / Z / 25V
C2484	ECUX1E104ZFV	0.1 / Z / 25V
C2485	ECUX1H102KBV	1000P / K / 50V
C2486	ECUX1E104ZFV	0.1 / Z / 25V
C2487	ECUX1E104ZFV	0.1 / Z / 25V
C2488	ECUX1H102KBV	1000P / K / 50V
C2489	ECUX1E104ZFV	0.1 / Z / 25V
C2490	ECUX1H102KBV	1000P / K / 50V
C2491	ECUX1E104ZFV	0.1 / Z / 25V
C2492	ECUX1H102KBV	1000P / K / 50V
C2493	ECUX1E104ZFV	0.1 / Z / 25V
C2494	ECUX1E104ZFV	0.1 / Z / 25V
C2495	ECUX1H102KBV	1000P / K / 50V
C2496	ECUX1H102KBV	1000P / K / 50V
C2497	ECUX1E104ZFV	0.1 / Z / 25V
C2498	ECUX1H102KBV	1000P / K / 50V
C2499	ECUX1E104ZFV	0.1 / Z / 25V

C2500	ECUX1H102KBV	1000P / K / 50V
C2501	ECUX1E104ZFV	0.1 / Z / 25V
C2502	ECUX1H102KBV	1000P / K / 50V
C2503	ECUX1E104ZFV	0.1 / Z / 25V
C2504	ECUX1H102KBV	1000P / K / 50V
C2505	ECUX1E104ZFV	0.1 / Z / 25V
C2506	ECUX1H101JCV	100P / J / 50V
C2507	ECUX1H102KBV	1000P / K / 50V
C2508	ECUX1E104ZFV	0.1 / Z / 25V
C2509	ECUX1H102KBV	1000P / K / 50V
C2510	ECUX1E104ZFV	0.1 / Z / 25V
C2511	ECUX1H102KBV	1000P / K / 50V
C2512	F2G1A1010013	100 / M / 10V
C2513	ECUX1H101JCV	100P / J / 50V
C2514	ECUX1H101JCV	100P / J / 50V
C2515	ECUX1H101JCV	100P / J / 50V
C2516	ECUX1E104ZFV	0.1 / Z / 25V
C2517	ECUX1H101JCV	100P / J / 50V
C2518	ECUX1E104ZFV	0.1 / Z / 25V
C2519	ECUX1H101JCV	100P / J / 50V
C2520	ECUX1E104ZFV	0.1 / Z / 25V
C2521	ECUX1H101JCV	100P / J / 50V
C2522	ECUX1E104ZFV	0.1 / Z / 25V
C2523	ECUX1H101JCV	100P / J / 50V
C2524	ECUX1E104ZFV	0.1 / Z / 25V
C2525	ECUX1H101JCV	100P / J / 50V
C2526	ECUX1E104ZFV	0.1 / Z / 25V
C2527	ECUX1H101JCV	100P / J / 50V
C2528	ECUV1H150JCV	15P / J / 50V
C2529	ECUV1H150JCV	15P / J / 50V
C2530	ECUX1H102KBV	1000P / K / 50V
C2531	ECJ1VB1C105K	1 / K / 16V
C2532	ECUX1H101JCV	100P / J / 50V
C2533	ECUX1E104ZFV	0.1 / Z / 25V
C2534	ECUX1E104ZFV	0.1 / Z / 25V
C2535	ECUX1H101JCV	100P / J / 50V
C2536	ECUX1H101JCV	100P / J / 50V
C2537	ECJ1VB1C105K	1 / K / 16V
C2538	ECUX1H101JCV	100P / J / 50V

C2539 ECUX1E104ZFV 0.1/Z/25V C2540 ECUX1H101JCV 100P/J/50V C2541 ECUX1E104ZFV 0.1/Z/25V C2542 ECUX1E104ZFV 0.1/Z/25V C2543 ECUX1H101JCV 100P/J/50V C2544 ECUX1H101JCV 100P/J/50V C2545 ECUX1H101JCV 100P/J/50V C2621 ECUX1H101JCV 100P/J/50V C2674 ECUX1H101JCV 100P/J/50V C2672 ECUX1H101JCV 100P/J/50V C2673 ECUX1E104ZFV 0.1/Z/25V C2674 ECUX1H101JCV 100P/J/50V C2675 ECUX1H101JCV 100P/J/50V C2676 ECUX1H101JCV 100P/J/50V C2678 ECUX1H101JCV 100P/J/50V C2688 ECUX1H101JCV 100P/J/50V C2689 ECUX1H101JCV 100P/J/50V C2690 ECUX1E104ZFV 0.1/Z/25V	
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C2705 ECUX1H101JCV 100P / J / 50V	
C2706 ECUX1E104ZFV 0.1 / Z / 25V	
C2707 ECUX1H101JCV 100P / J / 50V	
C2708 ECUX1E104ZFV 0.1 / Z / 25V	

C2709	ECUX1H101JCV	100P / J / 50V
C2710	ECUX1E104ZFV	0.1 / Z / 25V
C2711	ECUX1H101JCV	100P / J / 50V
C2712	ECUX1E104ZFV	0.1 / Z / 25V
C2713	ECUX1H101JCV	100P / J / 50V
C2714	ECUX1E104ZFV	0.1 / Z / 25V
C2715	ECUX1H101JCV	100P / J / 50V
C2716	ECUX1E104ZFV	0.1 / Z / 25V
C2717	ECUX1H101JCV	100P / J / 50V
C2718	ECUX1E104ZFV	0.1 / Z / 25V
C2719	ECUX1H101JCV	100P / J / 50V
C2720	ECUX1E104ZFV	0.1 / Z / 25V
C2721	ECUX1H101JCV	100P / J / 50V
C2722	ECUX1E104ZFV	0.1 / Z / 25V
C2723	ECUX1H101JCV	100P / J / 50V
C2724	ECUX1E104ZFV	0.1 / Z / 25V
C2725	ECUX1H101JCV	100P / J / 50V
C2726	F2G0G2210002	220 / M / 4V
C2727	ECUX1E104ZFV	0.1 / Z / 25V
C2728	ECUX1E104ZFV	0.1 / Z / 25V
C2729	ECUX1H101JCV	100P / J / 50V
C2730	ECUX1E104ZFV	0.1 / Z / 25V
C2731	ECUX1H101JCV	100P / J / 50V
C2732	ECUX1E104ZFV	0.1 / Z / 25V
C2733	ECUX1H101JCV	100P / J / 50V
C2734	ECUX1E104ZFV	0.1 / Z / 25V
C2735	ECUX1E104ZFV	0.1 / Z / 25V
C2736	F2G0G2210002	220 / M / 4V
C2737	ECUX1H101JCV	100P / J / 50V
C2738	ECUX1H102JCV	1000P / J / 50V
C2739	ECUX1E104ZFV	0.1 / Z / 25V
C2740	ECUX1E104ZFV	0.1 / Z / 25V
C2741	ECUX1H101JCV	100P / J / 50V
C2742	ECUX1H101JCV	100P / J / 50V
C2743	ECUX1E104ZFV	0.1 / Z / 25V
C2744	ECUX1E104ZFV	0.1 / Z / 25V
C2745	ECUX1H101JCV	100P / J / 50V
C2746	ECUX1H101JCV	100P / J / 50V
C2747	ECUX1E104ZFV	0.1 / Z / 25V

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C2760 ECUX1H101JCV 100P/J/50V C2761 ECUX1H101JCV 100P/J/50V C2762 ECUX1E104ZFV 0.1/Z/25V C2763 ECUX1E104ZFV 0.1/Z/25V C2764 ECUX1E104ZFV 0.1/Z/25V C2765 ECUX1E104ZFV 0.1/Z/25V C2766 ECUX1E104ZFV 0.1/Z/25V C2767 ECUX1H101JCV 100P/J/50V C2768 ECUX1H101JCV 100P/J/50V C2770 ECUX1H101JCV 100P/J/50V C2771 ECUX1H101JCV 100P/J/50V C2772 ECUX1E104ZFV 0.1/Z/25V C2773 ECUX1E104ZFV 0.1/Z/25V C2774 ECUX1E104ZFV 0.1/Z/25V C2775 ECUX1E104ZFV 0.1/Z/25V C2776 ECUX1E104ZFV 0.1/Z/25V C2777 ECUX1E104ZFV 0.1/Z/25V C2778 ECUX1E104ZFV 0.1/Z/25V C2779 ECUX1H101JCV 100P/J/50V C2778 ECUX1H101JCV 100P/J/50V C2778 ECUX1H101JCV 100P/J/50V C2778 ECUX1H101JCV 100P/J/50V C2780 ECUX1H101JCV 100P/J/50V C2781 ECUX1H101JCV 100P/J/50V C2782 ECUX1E104ZFV 0.1/Z/25V C2783 ECUX1E104ZFV 0.1/Z/25V C2784 ECUX1E104ZFV 0.1/Z/25V C2785 ECUX1E104ZFV 0.1/Z/25V	C2758	ECUX1H101JCV	100P / J / 50V
C2761 ECUX1H101JCV 100P / J / 50V C2762 ECUX1E104ZFV 0.1 / Z / 25V C2763 ECUX1E104ZFV 0.1 / Z / 25V C2764 ECUX1E104ZFV 0.1 / Z / 25V C2765 ECUX1E104ZFV 0.1 / Z / 25V C2766 ECUX1E104ZFV 0.1 / Z / 25V C2767 ECUX1H101JCV 100P / J / 50V C2768 ECUX1H101JCV 100P / J / 50V C2769 ECUX1H101JCV 100P / J / 50V C2770 ECUX1H101JCV 100P / J / 50V C2771 ECUX1H101JCV 100P / J / 50V C2772 ECUX1E104ZFV 0.1 / Z / 25V C2773 ECUX1E104ZFV 0.1 / Z / 25V C2774 ECUX1E104ZFV 0.1 / Z / 25V C2775 ECUX1E104ZFV 0.1 / Z / 25V C2776 ECUX1E104ZFV 0.1 / Z / 25V C2777 ECUX1E104ZFV 0.1 / Z / 25V C2778 ECUX1E104ZFV 0.1 / Z / 25V C2779 ECUX1H101JCV 100P / J / 50V C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V C2786 ECUX1E104ZFV 0.1 / Z / 25V	C2759	ECUX1H101JCV	100P / J / 50V
C2762 ECUXIEI04ZFV 0.1/Z/25V C2763 ECUXIEI04ZFV 0.1/Z/25V C2764 ECUXIEI04ZFV 0.1/Z/25V C2765 ECUXIEI04ZFV 0.1/Z/25V C2766 ECUXIEI04ZFV 0.1/Z/25V C2767 ECUXIHI0IJCV 100P/J/50V C2768 ECUXIHI0IJCV 100P/J/50V C2769 ECUXIHI0IJCV 100P/J/50V C2770 ECUXIHI0IJCV 100P/J/50V C2771 ECUXIHI0IJCV 100P/J/50V C2772 ECUXIEI04ZFV 0.1/Z/25V C2773 ECUXIEI04ZFV 0.1/Z/25V C2774 ECUXIEI04ZFV 0.1/Z/25V C2775 ECUXIEI04ZFV 0.1/Z/25V C2776 ECUXIEI04ZFV 0.1/Z/25V C2777 ECUXIEI04ZFV 0.1/Z/25V C2778 ECUXIEI04ZFV 0.1/Z/25V C2779 ECUXIHI0IJCV 100P/J/50V C2778 ECUXIHI0IJCV 100P/J/50V C2780 ECUXIHI0IJCV 100P/J/50V C2781 ECUXIHI0IJCV 100P/J/50V C2782 ECUXIEI04ZFV 0.1/Z/25V C2783 ECUXIEI04ZFV 0.1/Z/25V C2784 ECUXIEI04ZFV 0.1/Z/25V C2785 ECUXIEI04ZFV 0.1/Z/25V	C2760	ECUX1H101JCV	100P / J / 50V
C2763 ECUX1E104ZFV 0.1 / Z / 25V C2764 ECUX1E104ZFV 0.1 / Z / 25V C2765 ECUX1E104ZFV 0.1 / Z / 25V C2766 ECUX1E104ZFV 0.1 / Z / 25V C2767 ECUX1H101JCV 100P / J / 50V C2768 ECUX1H101JCV 100P / J / 50V C2769 ECUX1H101JCV 100P / J / 50V C2770 ECUX1H101JCV 100P / J / 50V C2771 ECUX1H101JCV 100P / J / 50V C2772 ECUX1E104ZFV 0.1 / Z / 25V C2773 ECUX1E104ZFV 0.1 / Z / 25V C2774 ECUX1E104ZFV 0.1 / Z / 25V C2775 ECUX1E104ZFV 0.1 / Z / 25V C2776 ECUX1E104ZFV 0.1 / Z / 25V C2777 ECUX1H101JCV 100P / J / 50V C2778 ECUX1E104ZFV 100P / J / 50V C2779 ECUX1H101JCV 100P / J / 50V C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V C2787 ECUX1H101JCV 100P / J / 50V	C2761	ECUX1H101JCV	100P / J / 50V
C2764 ECUX1E104ZFV 0.1 / Z / 25V C2765 ECUX1E104ZFV 0.1 / Z / 25V C2766 ECUX1E104ZFV 0.1 / Z / 25V C2767 ECUX1H101JCV 100P / J / 50V C2768 ECUX1H101JCV 100P / J / 50V C2769 ECUX1H101JCV 100P / J / 50V C2770 ECUX1H101JCV 100P / J / 50V C2771 ECUX1H101JCV 100P / J / 50V C2772 ECUX1E104ZFV 0.1 / Z / 25V C2773 ECUX1E104ZFV 0.1 / Z / 25V C2774 ECUX1E104ZFV 0.1 / Z / 25V C2775 ECUX1E104ZFV 0.1 / Z / 25V C2776 ECUX1E104ZFV 0.1 / Z / 25V C2777 ECUX1H101JCV 100P / J / 50V C2778 ECUX1H101JCV 100P / J / 50V C2779 ECUX1H101JCV 100P / J / 50V C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V C2786 ECUX1E104ZFV 0.1 / Z / 25V C2787 ECUX1E104ZFV 0.1 / Z / 25V C2788 ECUX1E104ZFV 0.1 / Z / 25V C2788 ECUX1E104ZFV 0.1 / Z / 25V C2789 ECUX1E104ZFV 0.1 / Z / 25V C2780 ECUX1E104ZFV 0.1 / Z / 25V C2781 ECUX1E104ZFV 0.1 / Z / 25V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V	C2762	ECUX1E104ZFV	0.1 / Z / 25V
C2765 ECUX1E104ZFV 0.1 / Z / 25V C2766 ECUX1E104ZFV 0.1 / Z / 25V C2767 ECUX1H101JCV 100P / J / 50V C2768 ECUX1H101JCV 100P / J / 50V C2769 ECUX1H101JCV 100P / J / 50V C2770 ECUX1H101JCV 100P / J / 50V C2771 ECUX1H101JCV 100P / J / 50V C2772 ECUX1E104ZFV 0.1 / Z / 25V C2773 ECUX1E104ZFV 0.1 / Z / 25V C2774 ECUX1E104ZFV 0.1 / Z / 25V C2775 ECUX1E104ZFV 0.1 / Z / 25V C2776 ECUX1E104ZFV 0.1 / Z / 25V C2777 ECUX1H101JCV 100P / J / 50V C2778 ECUX1H101JCV 100P / J / 50V C2779 ECUX1H101JCV 100P / J / 50V C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V C2786 ECUX1E104ZFV 0.1 / Z / 25V C2787 ECUX1E104ZFV 0.1 / Z / 25V C2788 ECUX1E104ZFV 0.1 / Z / 25V C2789 ECUX1E104ZFV 0.1 / Z / 25V C2780 ECUX1E104ZFV 0.1 / Z / 25V C2781 ECUX1E104ZFV 0.1 / Z / 25V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V	C2763	ECUX1E104ZFV	0.1 / Z / 25V
C2766 ECUX1E104ZFV 0.1 / Z / 25V C2767 ECUX1H101JCV 100P / J / 50V C2768 ECUX1H101JCV 100P / J / 50V C2769 ECUX1H101JCV 100P / J / 50V C2770 ECUX1H101JCV 100P / J / 50V C2771 ECUX1H101JCV 100P / J / 50V C2772 ECUX1E104ZFV 0.1 / Z / 25V C2773 ECUX1E104ZFV 0.1 / Z / 25V C2774 ECUX1E104ZFV 0.1 / Z / 25V C2775 ECUX1E104ZFV 0.1 / Z / 25V C2776 ECUX1E104ZFV 0.1 / Z / 25V C2777 ECUX1H101JCV 100P / J / 50V C2778 ECUX1H101JCV 100P / J / 50V C2779 ECUX1H101JCV 100P / J / 50V C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V C2787 ECUX1E104ZFV 0.1 / Z / 25V C2788 ECUX1E104ZFV 0.1 / Z / 25V C2789 ECUX1E104ZFV 0.1 / Z / 25V C2781 ECUX1E104ZFV 0.1 / Z / 25V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V	C2764	ECUX1E104ZFV	0.1 / Z / 25V
C2767 ECUX1H101JCV 100P/J/50V C2768 ECUX1H101JCV 100P/J/50V C2769 ECUX1H101JCV 100P/J/50V C2770 ECUX1H101JCV 100P/J/50V C2771 ECUX1H101JCV 100P/J/50V C2772 ECUX1E104ZFV 0.1/Z/25V C2773 ECUX1E104ZFV 0.1/Z/25V C2774 ECUX1E104ZFV 0.1/Z/25V C2775 ECUX1E104ZFV 0.1/Z/25V C2776 ECUX1E104ZFV 0.1/Z/25V C2777 ECUX1H101JCV 100P/J/50V C2778 ECUX1H101JCV 100P/J/50V C2779 ECUX1H101JCV 100P/J/50V C2780 ECUX1H101JCV 100P/J/50V C2781 ECUX1H101JCV 100P/J/50V C2782 ECUX1E104ZFV 0.1/Z/25V C2783 ECUX1E104ZFV 0.1/Z/25V C2784 ECUX1E104ZFV 0.1/Z/25V C2785 ECUX1E104ZFV 0.1/Z/25V C2787 ECUX1E104ZFV 0.1/Z/25V C2788 ECUX1E104ZFV 0.1/Z/25V C2789 ECUX1E104ZFV 0.1/Z/25V C2781 ECUX1E104ZFV 0.1/Z/25V C2781 ECUX1E104ZFV 0.1/Z/25V C2782 ECUX1E104ZFV 0.1/Z/25V	C2765	ECUX1E104ZFV	0.1 / Z / 25V
C2768 ECUX1H101JCV 100P/J/50V C2769 ECUX1H101JCV 100P/J/50V C2770 ECUX1H101JCV 100P/J/50V C2771 ECUX1H101JCV 100P/J/50V C2772 ECUX1E104ZFV 0.1/Z/25V C2773 ECUX1E104ZFV 0.1/Z/25V C2774 ECUX1E104ZFV 0.1/Z/25V C2775 ECUX1E104ZFV 0.1/Z/25V C2776 ECUX1E104ZFV 0.1/Z/25V C2777 ECUX1H101JCV 100P/J/50V C2778 ECUX1H101JCV 100P/J/50V C2780 ECUX1H101JCV 100P/J/50V C2781 ECUX1H101JCV 100P/J/50V C2782 ECUX1H101JCV 100P/J/50V C2783 ECUX1E104ZFV 0.1/Z/25V C2784 ECUX1E104ZFV 0.1/Z/25V C2785 ECUX1E104ZFV 0.1/Z/25V C2787 ECUX1H101JCV 100P/J/50V	C2766	ECUX1E104ZFV	0.1 / Z / 25V
C2769 ECUX1H101JCV 100P/J/50V C2770 ECUX1H101JCV 100P/J/50V C2771 ECUX1H101JCV 100P/J/50V C2772 ECUX1E104ZFV 0.1/Z/25V C2773 ECUX1E104ZFV 0.1/Z/25V C2774 ECUX1E104ZFV 0.1/Z/25V C2775 ECUX1E104ZFV 0.1/Z/25V C2776 ECUX1E104ZFV 0.1/Z/25V C2777 ECUX1H101JCV 100P/J/50V C2778 ECUX1H101JCV 100P/J/50V C2779 ECUX1H101JCV 100P/J/50V C2780 ECUX1H101JCV 100P/J/50V C2781 ECUX1H101JCV 100P/J/50V C2782 ECUX1H101JCV 100P/J/50V C2783 ECUX1E104ZFV 0.1/Z/25V C2784 ECUX1E104ZFV 0.1/Z/25V C2785 ECUX1E104ZFV 0.1/Z/25V C2785 ECUX1E104ZFV 0.1/Z/25V	C2767	ECUX1H101JCV	100P / J / 50V
C2770 ECUX1H101JCV 100P/J/50V C2771 ECUX1H101JCV 100P/J/50V C2772 ECUX1E104ZFV 0.1/Z/25V C2773 ECUX1E104ZFV 0.1/Z/25V C2774 ECUX1E104ZFV 0.1/Z/25V C2775 ECUX1E104ZFV 0.1/Z/25V C2776 ECUX1E104ZFV 0.1/Z/25V C2777 ECUX1H101JCV 100P/J/50V C2778 ECUX1H101JCV 100P/J/50V C2779 ECUX1H101JCV 100P/J/50V C2780 ECUX1H101JCV 100P/J/50V C2781 ECUX1H101JCV 100P/J/50V C2782 ECUX1H101JCV 100P/J/50V C2783 ECUX1E104ZFV 0.1/Z/25V C2784 ECUX1E104ZFV 0.1/Z/25V C2785 ECUX1E104ZFV 0.1/Z/25V	C2768	ECUX1H101JCV	100P / J / 50V
C2771 ECUX1H101JCV 100P/J/50V C2772 ECUX1E104ZFV 0.1/Z/25V C2773 ECUX1E104ZFV 0.1/Z/25V C2774 ECUX1E104ZFV 0.1/Z/25V C2775 ECUX1E104ZFV 0.1/Z/25V C2776 ECUX1E104ZFV 0.1/Z/25V C2777 ECUX1H101JCV 100P/J/50V C2778 ECUX1H101JCV 100P/J/50V C2779 ECUX1H101JCV 100P/J/50V C2780 ECUX1H101JCV 100P/J/50V C2781 ECUX1H101JCV 100P/J/50V C2782 ECUX1E104ZFV 0.1/Z/25V C2783 ECUX1E104ZFV 0.1/Z/25V C2784 ECUX1E104ZFV 0.1/Z/25V C2785 ECUX1E104ZFV 0.1/Z/25V	C2769	ECUX1H101JCV	100P / J / 50V
C2772 ECUX1E104ZFV 0.1 / Z / 25V C2773 ECUX1E104ZFV 0.1 / Z / 25V C2774 ECUX1E104ZFV 0.1 / Z / 25V C2775 ECUX1E104ZFV 0.1 / Z / 25V C2776 ECUX1E104ZFV 0.1 / Z / 25V C2777 ECUX1H101JCV 100P / J / 50V C2778 ECUX1H101JCV 100P / J / 50V C2779 ECUX1H101JCV 100P / J / 50V C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2770	ECUX1H101JCV	100P / J / 50V
C2773 ECUX1E104ZFV 0.1 / Z / 25V C2774 ECUX1E104ZFV 0.1 / Z / 25V C2775 ECUX1E104ZFV 0.1 / Z / 25V C2776 ECUX1E104ZFV 0.1 / Z / 25V C2777 ECUX1H101JCV 100P / J / 50V C2778 ECUX1H101JCV 100P / J / 50V C2779 ECUX1H101JCV 100P / J / 50V C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2771	ECUX1H101JCV	100P / J / 50V
C2774 ECUX1E104ZFV 0.1 / Z / 25V C2775 ECUX1E104ZFV 0.1 / Z / 25V C2776 ECUX1E104ZFV 0.1 / Z / 25V C2777 ECUX1H101JCV 100P / J / 50V C2778 ECUX1H101JCV 100P / J / 50V C2779 ECUX1H101JCV 100P / J / 50V C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2772	ECUX1E104ZFV	0.1 / Z / 25V
C2775 ECUX1E104ZFV 0.1 / Z / 25V C2776 ECUX1E104ZFV 0.1 / Z / 25V C2777 ECUX1H101JCV 100P / J / 50V C2778 ECUX1H101JCV 100P / J / 50V C2779 ECUX1H101JCV 100P / J / 50V C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2773	ECUX1E104ZFV	0.1 / Z / 25V
C2776 ECUX1E104ZFV 0.1 / Z / 25V C2777 ECUX1H101JCV 100P / J / 50V C2778 ECUX1H101JCV 100P / J / 50V C2779 ECUX1H101JCV 100P / J / 50V C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2774	ECUX1E104ZFV	0.1 / Z / 25V
C2777 ECUX1H101JCV 100P / J / 50V C2778 ECUX1H101JCV 100P / J / 50V C2779 ECUX1H101JCV 100P / J / 50V C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2775	ECUX1E104ZFV	0.1 / Z / 25V
C2778 ECUX1H101JCV 100P / J / 50V C2779 ECUX1H101JCV 100P / J / 50V C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2776	ECUX1E104ZFV	0.1 / Z / 25V
C2779 ECUX1H101JCV 100P / J / 50V C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2777	ECUX1H101JCV	100P / J / 50V
C2780 ECUX1H101JCV 100P / J / 50V C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2778	ECUX1H101JCV	100P / J / 50V
C2781 ECUX1H101JCV 100P / J / 50V C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2779	ECUX1H101JCV	100P / J / 50V
C2782 ECUX1E104ZFV 0.1 / Z / 25V C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2780	ECUX1H101JCV	100P / J / 50V
C2783 ECUX1E104ZFV 0.1 / Z / 25V C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2781	ECUX1H101JCV	100P / J / 50V
C2784 ECUX1E104ZFV 0.1 / Z / 25V C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2782	ECUX1E104ZFV	0.1 / Z / 25V
C2785 ECUX1E104ZFV 0.1 / Z / 25V	C2783	ECUX1E104ZFV	0.1 / Z / 25V
	C2784	ECUX1E104ZFV	0.1 / Z / 25V
C2786 ECUX1E104ZFV 0.1 / Z / 25V	C2785	ECUX1E104ZFV	0.1 / Z / 25V
	C2786	ECUX1E104ZFV	0.1 / Z / 25V

C2787	ECUX1H101JCV	100P / J / 50V
C2788	ECUX1H101JCV	100P / J / 50V
C2789	ECUX1H101JCV	100P / J / 50V
C2790	ECUX1H101JCV	100P / J / 50V
C2791	ECUX1H101JCV	100P / J / 50V
C2792	ECUX1E104ZFV	0.1 / Z / 25V
C2793	ECUX1E104ZFV	0.1 / Z / 25V
C2794	ECUX1H101JCV	100P / J / 50V
C2795	ECUX1H101JCV	100P / J / 50V
C2796	ECUX1E104ZFV	0.1 / Z / 25V
C2797	ECUX1H101JCV	100P / J / 50V
C2798	ECUX1E104ZFV	0.1 / Z / 25V
C2799	ECUX1H101JCV	100P / J / 50V
C2800	ECUX1E104ZFV	0.1 / Z / 25V
C2801	ECUX1H101JCV	100P / J / 50V
C2802	ECUX1E104ZFV	0.1 / Z / 25V
C2803	ECUX1H101JCV	100P / J / 50V
C2804	ECUX1H102JCV	1000P / J / 50V
C2805	F2G0G2210002	220 / M / 4V
C2806	ECUX1E104ZFV	0.1 / Z / 25V
C2807	ECUX1E104ZFV	0.1 / Z / 25V
C2808	ECUX1H101JCV	100P / J / 50V
C2809	ECUX1H101JCV	100P / J / 50V
C2810	ECUX1E104ZFV	0.1 / Z / 25V
C2811	ECUX1E104ZFV	0.1 / Z / 25V
C2812	ECUX1H101JCV	100P / J / 50V
C2813	ECUX1H101JCV	100P / J / 50V
C2814	ECUX1E104ZFV	0.1 / Z / 25V
C2815	ECUX1E104ZFV	0.1 / Z / 25V
C2816	ECUX1H101JCV	100P / J / 50V
C2817	ECUX1H101JCV	100P / J / 50V
C2818	ECUX1E104ZFV	0.1 / Z / 25V
C2819	ECUX1E104ZFV	0.1 / Z / 25V
C2820	ECUX1E104ZFV	0.1 / Z / 25V
C2821	ECUX1E104ZFV	0.1 / Z / 25V
C2822	ECUX1H101JCV	100P / J / 50V
C2823	ECUX1H101JCV	100P / J / 50V
C2824	ECUX1H101JCV	100P / J / 50V
C2825	ECUX1H101JCV	100P / J / 50V

C2826 ECUXIE104ZFV 0.1/Z/25V C2827 ECUXIE104ZFV 0.1/Z/25V C2828 ECUXIE104ZFV 0.1/Z/25V C2829 ECUXIE104ZFV 0.1/Z/25V C2830 ECUXIH101JCV 100P/J/50V C2831 ECUXIH101JCV 100P/J/50V C2832 ECUXIH101JCV 100P/J/50V C2833 ECUXIE104ZFV 0.1/Z/25V C2834 ECUXIE104ZFV 0.1/Z/25V C2835 ECUXIE104ZFV 0.1/Z/25V C2836 ECUXIE104ZFV 0.1/Z/25V C2837 ECUXIE104ZFV 0.1/Z/25V C2838 ECUXIH101JCV 100P/J/50V C2840 ECUXIH101JCV 100P/J/50V C2841 ECUXIE104ZFV 0.1/Z/25V C2842 ECUXIE104ZFV 0.1/Z/25V C2843 ECUXIE104ZFV 0.1/Z/25V C2844 ECUXIE104ZFV 0.1/Z/25V C2845 ECUXIH101JCV 100P/J/50V C2847 ECUXIH101JCV 100P/J/50V C2848 ECUXIH101JCV<		1	
C2828 ECUXIE104ZFV 0.1/Z/25V C2829 ECUXIE104ZFV 0.1/Z/25V C2830 ECUXIH101JCV 100P/J/50V C2831 ECUXIH101JCV 100P/J/50V C2832 ECUXIH101JCV 100P/J/50V C2833 ECUXIH101JCV 100P/J/50V C2834 ECUXIE104ZFV 0.1/Z/25V C2835 ECUXIE104ZFV 0.1/Z/25V C2836 ECUXIE104ZFV 0.1/Z/25V C2837 ECUXIE104ZFV 0.1/Z/25V C2838 ECUXIH101JCV 100P/J/50V C2839 ECUXIH101JCV 100P/J/50V C2840 ECUXIH101JCV 100P/J/50V C2841 ECUXIH101JCV 100P/J/50V C2842 ECUXIE104ZFV 0.1/Z/25V C2843 ECUXIE104ZFV 0.1/Z/25V C2844 ECUXIE104ZFV 0.1/Z/25V C2845 ECUXIE104ZFV 0.1/Z/25V C2846 ECUXIE104ZFV 0.1/Z/25V C2847 ECUXIE104ZFV 0.1/Z/25V C2848 ECUXIH101JCV 100P/J/50V C2849 ECUXIH101JCV 100P/J/50V C2840 ECUXIH101JCV 100P/J/50V C2841 ECUXIE104ZFV 0.1/Z/25V C2842 ECUXIE104ZFV 0.1/Z/25V C2843 ECUXIE104ZFV 0.1/Z/25V C2844 ECUXIH101JCV 100P/J/50V C2847 ECUXIH101JCV 100P/J/50V C2848 ECUXIH101JCV 100P/J/50V C2849 ECUXIH101JCV 100P/J/50V C2849 ECUXIH101JCV 100P/J/50V C2850 ECUXIE104ZFV 0.1/Z/25V C2851 ECUXIE104ZFV 0.1/Z/25V C2852 ECUXIH101JCV 100P/J/50V C2853 ECUXIE104ZFV 0.1/Z/25V C2854 ECUXIE104ZFV 0.1/Z/25V C2855 ECUXIE104ZFV 0.1/Z/25V C2856 F2GGG2210002 220/M/4V C2857 ECUXIE104ZFV 0.1/Z/25V C2858 ECUXIH101JCV 100P/J/50V C2859 ECUXIH101JCV 100P/J/50V C2859 ECUXIH101JCV 100P/J/50V C2860 ECUXIE104ZFV 0.1/Z/25V C2861 ECUXIE104ZFV 0.1/Z/25V C2862 ECUXIE104ZFV 0.1/Z/25V C2863 ECUXIE104ZFV 0.1/Z/25V	C2826	ECUX1E104ZFV	0.1 / Z / 25V
C2829 ECUXIE104ZFV 0.1/Z/25V C2830 ECUXIH101JCV 100P/J/50V C2831 ECUXIH101JCV 100P/J/50V C2832 ECUXIH101JCV 100P/J/50V C2833 ECUXIH101JCV 100P/J/50V C2834 ECUXIE104ZFV 0.1/Z/25V C2835 ECUXIE104ZFV 0.1/Z/25V C2836 ECUXIE104ZFV 0.1/Z/25V C2837 ECUXIE104ZFV 0.1/Z/25V C2838 ECUXIH101JCV 100P/J/50V C2839 ECUXIH101JCV 100P/J/50V C2840 ECUXIH101JCV 100P/J/50V C2841 ECUXIH101JCV 100P/J/50V C2842 ECUXIE104ZFV 0.1/Z/25V C2843 ECUXIE104ZFV 0.1/Z/25V C2844 ECUXIE104ZFV 0.1/Z/25V C2845 ECUXIE104ZFV 0.1/Z/25V C2846 ECUXIH101JCV 100P/J/50V C2847 ECUXIH101JCV 100P/J/50V C2848 ECUXIH101JCV 100P/J/50V C2849 ECUXIH101JCV 100P/J/50V C2849 ECUXIH101JCV 100P/J/50V C2850 ECUXIE104ZFV 0.1/Z/25V C2851 ECUXIE104ZFV 0.1/Z/25V C2852 ECUXIH101JCV 100P/J/50V C2853 ECUXIE104ZFV 0.1/Z/25V C2854 ECUXIE104ZFV 0.1/Z/25V C2855 ECUXIE104ZFV 0.1/Z/25V C2856 ECUXIE104ZFV 0.1/Z/25V C2857 ECUXIE104ZFV 0.1/Z/25V C2858 ECUXIE104ZFV 0.1/Z/25V C2859 ECUXIE104ZFV 0.1/Z/25V C2851 ECUXIE104ZFV 0.1/Z/25V C2852 ECUXIE104ZFV 0.1/Z/25V C2853 ECUXIE104ZFV 0.1/Z/25V C2854 ECUXIE104ZFV 0.1/Z/25V C2855 ECUXIE104ZFV 0.1/Z/25V C2856 F2G0G2210002 220/M/4V C2857 ECUXIE104ZFV 0.1/Z/25V C2858 ECUXIE104ZFV 0.1/Z/25V C2859 ECUXIE104ZFV 0.1/Z/25V C2860 ECUXIE104ZFV 0.1/Z/25V C2861 ECUXIE104ZFV 0.1/Z/25V C2862 ECUXIE104ZFV 0.1/Z/25V C2863 ECUXIE104ZFV 0.1/Z/25V	C2827	ECUX1E104ZFV	0.1 / Z / 25V
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C2831 ECUXIHI0IJCV 100P/J/50V C2832 ECUXIHI0IJCV 100P/J/50V C2833 ECUXIHI0IJCV 100P/J/50V C2834 ECUXIEI04ZFV 0.1/Z/25V C2835 ECUXIEI04ZFV 0.1/Z/25V C2836 ECUXIEI04ZFV 0.1/Z/25V C2837 ECUXIEI04ZFV 0.1/Z/25V C2838 ECUXIHI0IJCV 100P/J/50V C2840 ECUXIHI0IJCV 100P/J/50V C2841 ECUXIHI0IJCV 100P/J/50V C2842 ECUXIEI04ZFV 0.1/Z/25V C2843 ECUXIEI04ZFV 0.1/Z/25V C2844 ECUXIEI04ZFV 0.1/Z/25V C2845 ECUXIHI0IJCV 100P/J/50V C2846 ECUXIHI0IJCV 100P/J/50V C2847 ECUXIHI0IJCV 100P/J/50V C2848 ECUXIHI0IJCV 100P/J/50V C2850 ECUXIEI04ZFV 0.1/Z/25V C2851 ECUXIEI04ZFV 0.1/Z/25V C2852 ECUXIEI04ZFV 0.1/Z/25V C2854 ECUXIEI04Z	C2829	ECUX1E104ZFV	0.1 / Z / 25V
C2832 ECUX1H101JCV 100P/J/50V C2833 ECUX1E104ZFV 0.1/Z/25V C2836 ECUX1E104ZFV 0.1/Z/25V C2837 ECUX1E104ZFV 0.1/Z/25V C2838 ECUX1E104ZFV 0.1/Z/25V C2839 ECUX1H101JCV 100P/J/50V C2840 ECUX1H101JCV 100P/J/50V C2841 ECUX1H101JCV 100P/J/50V C2842 ECUX1E104ZFV 0.1/Z/25V C2843 ECUX1E104ZFV 0.1/Z/25V C2844 ECUX1E104ZFV 0.1/Z/25V C2845 ECUX1E104ZFV 0.1/Z/25V C2846 ECUX1E104ZFV 0.1/Z/25V C2847 ECUX1H101JCV 100P/J/50V C2848 ECUX1H101JCV 100P/J/50V C2849 ECUX1H101JCV 100P/J/50V C2850 ECUX1E104ZFV 0.1/Z/25V C2851 ECUX1E104ZFV 0.1/Z/25V C2852 ECUX1H101JCV 100P/J/50V C2853 ECUX1H101JCV 100P/J/50V C2854 ECUX1H101JCV 100P/J/50V C2855 ECUX1E104ZFV 0.1/Z/25V C2856 F2G0G2210002 220/M/4V C2857 ECUX1H204ZFV 0.1/Z/25V C2858 ECUX1H204ZFV 0.1/Z/25V C2859 ECUX1H101JCV 100P/J/50V C2859 ECUX1E104ZFV 0.1/Z/25V C2859 ECUX1E104ZFV 0.1/Z/25V C2860 ECUX1E104ZFV 0.1/Z/25V C2861 ECUX1E104ZFV 0.1/Z/25V C2862 ECUX1H101JCV 100P/J/50V C2863 ECUX1H101JCV 100P/J/50V C2864 ECUX1H101JCV 100P/J/50V C2865 ECUX1H101JCV 100P/J/50V C2866 ECUX1E104ZFV 0.1/Z/25V C2861 ECUX1H101JCV 100P/J/50V	C2830	ECUX1H101JCV	100P / J / 50V
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C2836 ECUX1E104ZFV 0.1/Z/25V C2837 ECUX1E104ZFV 0.1/Z/25V C2838 ECUX1H101JCV 100P/J/50V C2839 ECUX1H101JCV 100P/J/50V C2840 ECUX1H101JCV 100P/J/50V C2841 ECUX1H101JCV 100P/J/50V C2842 ECUX1E104ZFV 0.1/Z/25V C2843 ECUX1E104ZFV 0.1/Z/25V C2844 ECUX1E104ZFV 0.1/Z/25V C2845 ECUX1E104ZFV 0.1/Z/25V C2846 ECUX1H101JCV 100P/J/50V C2847 ECUX1H101JCV 100P/J/50V C2848 ECUX1H101JCV 100P/J/50V C2849 ECUX1H101JCV 100P/J/50V C2850 ECUX1E104ZFV 0.1/Z/25V C2851 ECUX1E104ZFV 0.1/Z/25V C2852 ECUX1H101JCV 100P/J/50V C2853 ECUX1E104ZFV 0.1/Z/25V C2854 ECUX1H101JCV 100P/J/50V C2855 ECUX1E104ZFV 0.1/Z/25V C2856 F2G0G2210002 20/M/4V C2857 ECUX1H821JCV 820P/J/50V C2858 ECUX1H101JCV 100P/J/50V C2859 ECUX1H101JCV 100P/J/50V C2859 ECUX1H101JCV 100P/J/50V C2859 ECUX1H204ZFV 0.1/Z/25V C2859 ECUX1H204ZFV 0.1/Z/25V C2859 ECUX1H321JCV 820P/J/50V C2860 ECUX1E104ZFV 0.1/Z/25V C2861 ECUX1E104ZFV 0.1/Z/25V C2862 ECUX1E104ZFV 0.1/Z/25V C2862 ECUX1E104ZFV 0.1/Z/25V C2862 ECUX1E104ZFV 0.1/Z/25V	C2834	ECUX1E104ZFV	0.1 / Z / 25V
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C2839 ECUX1H101JCV 100P/J/50V C2840 ECUX1H101JCV 100P/J/50V C2841 ECUX1H101JCV 100P/J/50V C2842 ECUX1E104ZFV 0.1/Z/25V C2843 ECUX1E104ZFV 0.1/Z/25V C2844 ECUX1E104ZFV 0.1/Z/25V C2845 ECUX1E104ZFV 0.1/Z/25V C2846 ECUX1H101JCV 100P/J/50V C2847 ECUX1H101JCV 100P/J/50V C2848 ECUX1H101JCV 100P/J/50V C2849 ECUX1H101JCV 100P/J/50V C2850 ECUX1E104ZFV 0.1/Z/25V C2851 ECUX1E104ZFV 0.1/Z/25V C2852 ECUX1H101JCV 100P/J/50V C2853 ECUX1H101JCV 100P/J/50V C2854 ECUX1H101JCV 100P/J/50V C2855 ECUX1H101JCV 100P/J/50V C2856 F2G0G2210002 220/M/4V C2857 ECUX1H821JCV 820P/J/50V C2858 ECUX1E104ZFV 0.1/Z/25V C2859 ECUX1H101JCV 100P/J/50V C2860 ECUX1E104ZFV 0.1/Z/25V C2860 ECUX1E104ZFV 0.1/Z/25V C2860 ECUX1E104ZFV 0.1/Z/25V C2861 ECUX1E104ZFV 0.1/Z/25V C2862 ECUX1E104ZFV 0.1/Z/25V	C2837	ECUX1E104ZFV	0.1 / Z / 25V
C2840 ECUX1H101JCV 100P / J / 50V C2841 ECUX1H101JCV 100P / J / 50V C2842 ECUX1E104ZFV 0.1 / Z / 25V C2843 ECUX1E104ZFV 0.1 / Z / 25V C2844 ECUX1E104ZFV 0.1 / Z / 25V C2845 ECUX1E104ZFV 0.1 / Z / 25V C2846 ECUX1H101JCV 100P / J / 50V C2847 ECUX1H101JCV 100P / J / 50V C2848 ECUX1H101JCV 100P / J / 50V C2849 ECUX1E104ZFV 0.1 / Z / 25V C2850 ECUX1E104ZFV 0.1 / Z / 25V C2851 ECUX1H101JCV 100P / J / 50V C2852 ECUX1H101JCV 100P / J / 50V C2853 ECUX1H101JCV 0.1 / Z / 25V C2854 ECUX1E104ZFV 0.1 / Z / 25V C2855 ECUX1H821JCV 820P / J / 50V C2857 ECUX1H101JCV 100P / J / 50V C2860 ECUX1E104ZFV 0.1 / Z / 25V C2860 ECUX1E104ZFV 0.1 / Z / 25V C2862 ECUX1E104ZFV 0.1	C2838	ECUX1H101JCV	100P / J / 50V
C2841 ECUX1H101JCV 100P/J/50V C2842 ECUX1E104ZFV 0.1/Z/25V C2843 ECUX1E104ZFV 0.1/Z/25V C2844 ECUX1E104ZFV 0.1/Z/25V C2845 ECUX1E104ZFV 0.1/Z/25V C2846 ECUX1H101JCV 100P/J/50V C2847 ECUX1H101JCV 100P/J/50V C2848 ECUX1H101JCV 100P/J/50V C2849 ECUX1H101JCV 100P/J/50V C2850 ECUX1E104ZFV 0.1/Z/25V C2851 ECUX1E104ZFV 0.1/Z/25V C2852 ECUX1H101JCV 100P/J/50V C2853 ECUX1H101JCV 100P/J/50V C2854 ECUX1E104ZFV 0.1/Z/25V C2855 ECUX1E104ZFV 0.1/Z/25V C2856 F2G0G2210002 220/M/4V C2857 ECUX1H821JCV 820P/J/50V C2858 ECUX1E104ZFV 0.1/Z/25V C2859 ECUX1H101JCV 100P/J/50V C2860 ECUX1E104ZFV 0.1/Z/25V C2860 ECUX1E104ZFV 0.1/Z/25V C2860 ECUX1E104ZFV 0.1/Z/25V C2860 ECUX1E104ZFV 0.1/Z/25V C2861 ECUX1H101JCV 100P/J/50V C2862 ECUX1E104ZFV 0.1/Z/25V	C2839	ECUX1H101JCV	100P / J / 50V
C2842 ECUX1E104ZFV 0.1/Z/25V C2843 ECUX1E104ZFV 0.1/Z/25V C2844 ECUX1E104ZFV 0.1/Z/25V C2845 ECUX1E104ZFV 0.1/Z/25V C2846 ECUX1H101JCV 100P/J/50V C2847 ECUX1H101JCV 100P/J/50V C2848 ECUX1H101JCV 100P/J/50V C2849 ECUX1H101JCV 100P/J/50V C2850 ECUX1E104ZFV 0.1/Z/25V C2851 ECUX1E104ZFV 0.1/Z/25V C2852 ECUX1H101JCV 100P/J/50V C2853 ECUX1H101JCV 100P/J/50V C2854 ECUX1E104ZFV 0.1/Z/25V C2855 ECUX1E104ZFV 0.1/Z/25V C2856 F2G0G2210002 220/M/4V C2857 ECUX1H821JCV 820P/J/50V C2858 ECUX1E104ZFV 0.1/Z/25V C2859 ECUX1H101JCV 100P/J/50V C2860 ECUX1E104ZFV 0.1/Z/25V C2861 ECUX1E104ZFV 0.1/Z/25V C2862 ECUX1H101JCV 100P/J/50V	C2840	ECUX1H101JCV	100P / J / 50V
C2843 ECUX1E104ZFV 0.1/Z/25V C2844 ECUX1E104ZFV 0.1/Z/25V C2845 ECUX1E104ZFV 0.1/Z/25V C2846 ECUX1H101JCV 100P/J/50V C2847 ECUX1H101JCV 100P/J/50V C2848 ECUX1H101JCV 100P/J/50V C2849 ECUX1H101JCV 100P/J/50V C2850 ECUX1E104ZFV 0.1/Z/25V C2851 ECUX1E104ZFV 0.1/Z/25V C2852 ECUX1H101JCV 100P/J/50V C2853 ECUX1H101JCV 100P/J/50V C2854 ECUX1E104ZFV 0.1/Z/25V C2855 ECUX1E104ZFV 0.1/Z/25V C2856 F2G0G2210002 220/M/4V C2857 ECUX1H821JCV 820P/J/50V C2858 ECUX1H101JCV 100P/J/50V C2860 ECUX1E104ZFV 0.1/Z/25V C2861 ECUX1H101JCV 100P/J/50V C2862 ECUX1H101JCV 100P/J/50V	C2841	ECUX1H101JCV	100P / J / 50V
C2844 ECUX1E104ZFV 0.1 / Z / 25V C2845 ECUX1E104ZFV 0.1 / Z / 25V C2846 ECUX1H101JCV 100P / J / 50V C2847 ECUX1H101JCV 100P / J / 50V C2848 ECUX1H101JCV 100P / J / 50V C2849 ECUX1H101JCV 100P / J / 50V C2850 ECUX1E104ZFV 0.1 / Z / 25V C2851 ECUX1H101JCV 100P / J / 50V C2852 ECUX1H101JCV 100P / J / 50V C2853 ECUX1E104ZFV 0.1 / Z / 25V C2854 ECUX1E104ZFV 0.1 / Z / 25V C2855 ECUX1E104ZFV 0.1 / Z / 25V C2856 F2G0G2210002 220 / M / 4V C2857 ECUX1H821JCV 820P / J / 50V C2858 ECUX1H101JCV 100P / J / 50V C2860 ECUX1E104ZFV 0.1 / Z / 25V C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1H101JCV 100P / J / 50V	C2842	ECUX1E104ZFV	0.1 / Z / 25V
C2845 ECUX1E104ZFV 0.1/Z/25V C2846 ECUX1H101JCV 100P/J/50V C2847 ECUX1H101JCV 100P/J/50V C2848 ECUX1H101JCV 100P/J/50V C2849 ECUX1H101JCV 100P/J/50V C2850 ECUX1E104ZFV 0.1/Z/25V C2851 ECUX1H101JCV 100P/J/50V C2852 ECUX1H101JCV 100P/J/50V C2853 ECUX1E104ZFV 0.1/Z/25V C2854 ECUX1E104ZFV 0.1/Z/25V C2855 ECUX1E104ZFV 0.1/Z/25V C2856 F2G0G2210002 220/M/4V C2857 ECUX1H821JCV 820P/J/50V C2858 ECUX1H101JCV 100P/J/50V C2860 ECUX1H101JCV 100P/J/50V C2861 ECUX1E104ZFV 0.1/Z/25V C2862 ECUX1E104ZFV 0.1/Z/25V C2863 ECUX1H101JCV 100P/J/50V	C2843	ECUX1E104ZFV	0.1 / Z / 25V
C2846 ECUX1H101JCV 100P/J/50V C2847 ECUX1H101JCV 100P/J/50V C2848 ECUX1H101JCV 100P/J/50V C2849 ECUX1H101JCV 100P/J/50V C2850 ECUX1E104ZFV 0.1/Z/25V C2851 ECUX1E104ZFV 0.1/Z/25V C2852 ECUX1H101JCV 100P/J/50V C2853 ECUX1H101JCV 100P/J/50V C2854 ECUX1E104ZFV 0.1/Z/25V C2855 ECUX1E104ZFV 0.1/Z/25V C2856 F2G0G2210002 220/M/4V C2857 ECUX1H821JCV 820P/J/50V C2858 ECUX1E104ZFV 0.1/Z/25V C2860 ECUX1E104ZFV 0.1/Z/25V C2861 ECUX1H101JCV 100P/J/50V C2862 ECUX1E104ZFV 0.1/Z/25V C2863 ECUX1H101JCV 100P/J/50V	C2844	ECUX1E104ZFV	0.1 / Z / 25V
C2847 ECUX1H101JCV 100P/J/50V C2848 ECUX1H101JCV 100P/J/50V C2849 ECUX1H101JCV 100P/J/50V C2850 ECUX1E104ZFV 0.1/Z/25V C2851 ECUX1E104ZFV 0.1/Z/25V C2852 ECUX1H101JCV 100P/J/50V C2853 ECUX1H101JCV 100P/J/50V C2854 ECUX1E104ZFV 0.1/Z/25V C2855 ECUX1E104ZFV 0.1/Z/25V C2856 F2G0G2210002 220/M/4V C2857 ECUX1H821JCV 820P/J/50V C2858 ECUX1E104ZFV 0.1/Z/25V C2860 ECUX1H101JCV 100P/J/50V C2861 ECUX1H101JCV 100P/J/50V C2862 ECUX1E104ZFV 0.1/Z/25V C2863 ECUX1H101JCV 100P/J/50V	C2845	ECUX1E104ZFV	0.1 / Z / 25V
C2848 ECUX1H101JCV 100P / J / 50V C2849 ECUX1H101JCV 100P / J / 50V C2850 ECUX1E104ZFV 0.1 / Z / 25V C2851 ECUX1E104ZFV 0.1 / Z / 25V C2852 ECUX1H101JCV 100P / J / 50V C2853 ECUX1H101JCV 100P / J / 50V C2854 ECUX1E104ZFV 0.1 / Z / 25V C2855 ECUX1E104ZFV 0.1 / Z / 25V C2856 F2G0G2210002 220 / M / 4V C2857 ECUX1H821JCV 820P / J / 50V C2858 ECUX1E104ZFV 0.1 / Z / 25V C2860 ECUX1H101JCV 100P / J / 50V C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2846	ECUX1H101JCV	100P / J / 50V
C2849 ECUX1H101JCV 100P / J / 50V C2850 ECUX1E104ZFV 0.1 / Z / 25V C2851 ECUX1E104ZFV 0.1 / Z / 25V C2852 ECUX1H101JCV 100P / J / 50V C2853 ECUX1H101JCV 100P / J / 50V C2854 ECUX1E104ZFV 0.1 / Z / 25V C2855 ECUX1E104ZFV 0.1 / Z / 25V C2856 F2G0G2210002 220 / M / 4V C2857 ECUX1H821JCV 820P / J / 50V C2858 ECUX1E104ZFV 0.1 / Z / 25V C2859 ECUX1H101JCV 100P / J / 50V C2860 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2847	ECUX1H101JCV	100P / J / 50V
C2850 ECUX1E104ZFV 0.1 / Z / 25V C2851 ECUX1E104ZFV 0.1 / Z / 25V C2852 ECUX1H101JCV 100P / J / 50V C2853 ECUX1H101JCV 100P / J / 50V C2854 ECUX1E104ZFV 0.1 / Z / 25V C2855 ECUX1E104ZFV 0.1 / Z / 25V C2856 F2G0G2210002 220 / M / 4V C2857 ECUX1H821JCV 820P / J / 50V C2858 ECUX1E104ZFV 0.1 / Z / 25V C2859 ECUX1H101JCV 100P / J / 50V C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2848	ECUX1H101JCV	100P / J / 50V
C2851 ECUX1E104ZFV 0.1 / Z / 25V C2852 ECUX1H101JCV 100P / J / 50V C2853 ECUX1H101JCV 100P / J / 50V C2854 ECUX1E104ZFV 0.1 / Z / 25V C2855 ECUX1E104ZFV 0.1 / Z / 25V C2856 F2G0G2210002 220 / M / 4V C2857 ECUX1H821JCV 820P / J / 50V C2858 ECUX1E104ZFV 0.1 / Z / 25V C2859 ECUX1H101JCV 100P / J / 50V C2860 ECUX1E104ZFV 0.1 / Z / 25V C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2849	ECUX1H101JCV	100P / J / 50V
C2852 ECUX1H101JCV 100P / J / 50V C2853 ECUX1H101JCV 100P / J / 50V C2854 ECUX1E104ZFV 0.1 / Z / 25V C2855 ECUX1E104ZFV 0.1 / Z / 25V C2856 F2G0G2210002 220 / M / 4V C2857 ECUX1H821JCV 820P / J / 50V C2858 ECUX1E104ZFV 0.1 / Z / 25V C2859 ECUX1H101JCV 100P / J / 50V C2860 ECUX1E104ZFV 0.1 / Z / 25V C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2850	ECUX1E104ZFV	0.1 / Z / 25V
C2853 ECUX1H101JCV 100P / J / 50V C2854 ECUX1E104ZFV 0.1 / Z / 25V C2855 ECUX1E104ZFV 0.1 / Z / 25V C2856 F2G0G2210002 220 / M / 4V C2857 ECUX1H821JCV 820P / J / 50V C2858 ECUX1E104ZFV 0.1 / Z / 25V C2859 ECUX1H101JCV 100P / J / 50V C2860 ECUX1E104ZFV 0.1 / Z / 25V C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2851	ECUX1E104ZFV	0.1 / Z / 25V
C2854 ECUX1E104ZFV 0.1 / Z / 25V C2855 ECUX1E104ZFV 0.1 / Z / 25V C2856 F2G0G2210002 220 / M / 4V C2857 ECUX1H821JCV 820P / J / 50V C2858 ECUX1E104ZFV 0.1 / Z / 25V C2859 ECUX1H101JCV 100P / J / 50V C2860 ECUX1E104ZFV 0.1 / Z / 25V C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2852	ECUX1H101JCV	100P / J / 50V
C2855 ECUX1E104ZFV 0.1 / Z / 25V C2856 F2G0G2210002 220 / M / 4V C2857 ECUX1H821JCV 820P / J / 50V C2858 ECUX1E104ZFV 0.1 / Z / 25V C2859 ECUX1H101JCV 100P / J / 50V C2860 ECUX1E104ZFV 0.1 / Z / 25V C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2853	ECUX1H101JCV	100P / J / 50V
C2856 F2G0G2210002 220 / M / 4V C2857 ECUX1H821JCV 820P / J / 50V C2858 ECUX1E104ZFV 0.1 / Z / 25V C2859 ECUX1H101JCV 100P / J / 50V C2860 ECUX1E104ZFV 0.1 / Z / 25V C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2854	ECUX1E104ZFV	0.1 / Z / 25V
C2857 ECUX1H821JCV 820P / J / 50V C2858 ECUX1E104ZFV 0.1 / Z / 25V C2859 ECUX1H101JCV 100P / J / 50V C2860 ECUX1E104ZFV 0.1 / Z / 25V C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2855	ECUX1E104ZFV	0.1 / Z / 25V
C2858 ECUX1E104ZFV 0.1 / Z / 25V C2859 ECUX1H101JCV 100P / J / 50V C2860 ECUX1E104ZFV 0.1 / Z / 25V C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2856	F2G0G2210002	220 / M / 4V
C2859 ECUX1H101JCV 100P / J / 50V C2860 ECUX1E104ZFV 0.1 / Z / 25V C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2857	ECUX1H821JCV	820P / J / 50V
C2860 ECUX1E104ZFV 0.1 / Z / 25V C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2858	ECUX1E104ZFV	0.1 / Z / 25V
C2861 ECUX1H101JCV 100P / J / 50V C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2859	ECUX1H101JCV	100P / J / 50V
C2862 ECUX1E104ZFV 0.1 / Z / 25V C2863 ECUX1H101JCV 100P / J / 50V	C2860	ECUX1E104ZFV	0.1 / Z / 25V
C2863 ECUX1H101JCV 100P / J / 50V	C2861	ECUX1H101JCV	100P / J / 50V
	C2862	ECUX1E104ZFV	0.1 / Z / 25V
C2964 ECHV1E1047EV 0.1 / 7 / 25V	C2863	ECUX1H101JCV	100P / J / 50V
C2004 ECUATETU4ZFV U.1 / Z / 23V	C2864	ECUX1E104ZFV	0.1 / Z / 25V

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C2865	ECUX1E104ZFV	0.1 / Z / 25V
C2866	ECUX1E104ZFV	0.1 / Z / 25V
C2867	ECUX1E104ZFV	0.1 / Z / 25V
C2868	ECUX1H101JCV	100P / J / 50V
C2869	ECUX1H101JCV	100P / J / 50V
C2870	ECUX1H101JCV	100P / J / 50V
C2871	ECUX1H101JCV	100P / J / 50V
C2872	ECUX1E104ZFV	0.1 / Z / 25V
C2873	ECUX1E104ZFV	0.1 / Z / 25V
C2874	ECUX1E104ZFV	0.1 / Z / 25V
C2875	ECUX1E104ZFV	0.1 / Z / 25V
C2876	ECUX1H101JCV	100P / J / 50V
C2877	ECUX1H101JCV	100P / J / 50V
C2878	ECUX1H101JCV	100P / J / 50V
C2879	ECUX1H101JCV	100P / J / 50V
C2880	ECUX1E104ZFV	0.1 / Z / 25V
C2881	ECUX1E104ZFV	0.1 / Z / 25V
C2882	ECUX1E104ZFV	0.1 / Z / 25V
C2883	ECUX1E104ZFV	0.1 / Z / 25V
C2884	ECUX1H101JCV	100P / J / 50V
C2885	ECUX1H101JCV	100P / J / 50V
C2886	ECUX1H101JCV	100P / J / 50V
C2887	ECUX1H101JCV	100P / J / 50V
C2888	ECUX1E104ZFV	0.1 / Z / 25V
C2889	ECUX1E104ZFV	0.1 / Z / 25V
C2890	ECUX1E104ZFV	0.1 / Z / 25V
C2891	ECUX1E104ZFV	0.1 / Z / 25V
C2892	ECUX1H101JCV	100P / J / 50V
C2893	ECUX1H101JCV	100P / J / 50V
C2894	ECUX1H101JCV	100P / J / 50V
C2895	ECUX1H101JCV	100P / J / 50V
C2896	F2G1A1010013	100 / M / 10V
C2897	F2G1C1000014	100 / M / 16V
C2898	ECUX1E104ZFV	0.1 / Z / 25V
C2899	ECUX1E104ZFV	0.1 / Z / 25V
C2900	F2G1C1000014	100 / M / 16V
C2901	ECUX1E104ZFV	0.1 / Z / 25V
C2902	ECUX1H101JCV	100P / J / 50V
C2903	ECUX1H101JCV	100P / J / 50V

C2904	ECUX1E104ZFV	0.1 / Z / 25V	
C2905	ECUX1E104ZFV	0.1 / Z / 25V	
C2906	ECUX1H101JCV	100P / J / 50V	
C2907	ECUX1H101JCV	100P / J / 50V	
C2908	ECUX1E104ZFV	0.1 / Z / 25V	
C2909	ECUX1E104ZFV	0.1 / Z / 25V	
C2910	ECUX1H101JCV	100P / J / 50V	
C2911	ECUX1H101JCV	100P / J / 50V	
C2912	ECUX1E104ZFV	0.1 / Z / 25V	
C2913	ECUX1H101JCV	100P / J / 50V	
C2914	ECUX1H101JCV	100P / J / 50V	
C2921	F2G0G2210002	220 / M / 4V	
C2922	F2G0G2210002	220 / M / 4V	
C2923	F2G0G2210002	220 / M / 4V	
C2924	F2G0G2210002	220 / M / 4V	
C2925	F2G0G2210002	220 / M / 4V	
	COILS		
L2015	J0JCC0000059	Inductor Coil	
L2016	J0JCC0000059	Inductor Coil	
L2017	J0JCC0000059	Inductor Coil	
L2018	J0JCC0000059	Inductor Coil	
L2019	J0JCC0000059	Inductor Coil	
L2020	J0JCC0000059	Inductor Coil	
L2027	J0JCC0000059	Inductor Coil	
L2028	J0JCC0000059	Inductor Coil	
L2029	J0JCC0000059	Inductor Coil	
L2030	J0JCC0000059	Inductor Coil	
L2031	J0JCC0000059	Inductor Coil	
L2032	J0JCC0000059	Inductor Coil	
L2048	J0JCC0000059	Inductor Coil	
L2049	J0JCC0000059	Inductor Coil	
L2050	J0JCC0000059	Inductor Coil	
L2051	J0JCC0000059	Inductor Coil	
L2052	J0JCC0000059	Inductor Coil	
L2053	J0JCC0000059	Inductor Coil	
L2054	J0JCC0000059	Inductor Coil	
L2055	J0JCC0000059	Inductor Coil	
L2056	J0JCC0000059	Inductor Coil	
L2057	J0JCC0000059	Inductor Coil	
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L2058	J0JCC0000059	Inductor Coil
L2059	J0JCC0000059	Inductor Coil
L2060	J0JCC0000059	Inductor Coil
L2061	J0JCC0000059	Inductor Coil
L2062	J0JCC0000059	Inductor Coil
L2063	J0JCC0000059	Inductor Coil
L2064	J0JCC0000059	Inductor Coil
L2065	J0JCC0000059	Inductor Coil
L2066	J0JCC0000059	Inductor Coil
L2067	J0JCC0000059	Inductor Coil
L2068	J0JCC0000059	Inductor Coil
L2069	J0JCC0000059	Inductor Coil
L2070	J0JCC0000059	Inductor Coil
L2085	J0JCC0000059	Inductor Coil
L2087	J0JCC0000059	Inductor Coil
L2088	J0JCC0000059	Inductor Coil
L2089	J0JCC0000059	Inductor Coil
L2090	J0JCC0000059	Inductor Coil
L2100	J0JCC0000059	Inductor Coil
L2101	J0JCC0000059	Inductor Coil
L2102	J0JCC0000059	Inductor Coil
L2103	J0JCC0000059	Inductor Coil
L2104	J0JCC0000059	Inductor Coil
L2105	J0JCC0000059	Inductor Coil
L2106	J0JCC0000059	Inductor Coil
L2108	J0JCC0000059	Inductor Coil
L2109	J0JCC0000059	Inductor Coil
L2110	J0JCC0000059	Inductor Coil
L2111	J0JCC0000059	Inductor Coil
L2112	J0JCC0000059	Inductor Coil
L2113	J0JCC0000059	Inductor Coil
	Γ	DIODES
D2005	B0JCPE000003	Diode
D2006	B3AAB0000085	LED
D2007	B3AAB0000085	LED
D2008	B3AAB0000085	LED
D2009	B3AAB0000085	LED
	TRA	NSISTORS
Q2002	PJVIDTC114EK	Transistor
	,	

02002	D1DHCD00004	Trongistor
Q2003	B1DHGD000024	Transistor
Q2004	B1GBCFLL0002	Transistor
Q2005	B1GBCFLL0002	Transistor
Q2006	B1GBCFLL0002	Transistor
Q2007	B1GBCFLL0002	Transistor
Q2008	B1GBCFLL0002	Transistor
		ICs
IC2000	C0CBABG00032	IC Regulator
IC2005	C0CBAAG00022	IC Regulator
IC2006	C3ABPG000134	IC D RAM
IC2007	C3ABPG000134	IC D RAM
IC2008	C3ABPG000134	IC D RAM
IC2009	C0CBAAG00022	IC Regulator
IC2010	C3ABPG000134	IC D RAM
IC2011	C3ABPG000134	IC D RAM
IC2012	C3ABPG000134	IC D RAM
IC2018	C3ABQG000072	IC D RAM
IC2019	C3ABQG000072	IC D RAM
IC2020	C3ABQG000072	IC D RAM
IC2021	C3ABQG000072	IC D RAM
IC2022	H1Z8005B0005	Oscillator
IC2023	H1Z9505B0003	Oscillator
IC2024	H1Z1006B0003	Oscillator
IC2025	C1ZBZ0002046	IC
IC2026	SM530AYBD	IC
IC2027	C0ZBZ0000950	IC
IC2028	C0JBAZ001944	IC CMOS Logic
IC2029	C1DB00001322	IC
IC2030	C1DB00000424	IC
IC2031	C1DB00000971	IC
IC2032	C0JBAZ002076	IC CMOS Logic
IC2033	C0JBAZ001411	IC CMOS Logic
IC2034	C0JBAQ000171	IC CMOS Logic
IC2045	C1ZBZ0002422	IC
IC2046	C1ZBZ0002422	IC
IC2047	C1ZBZ0002423	IC
	C	OTHERS
CN2000	K1KAE0BA0054	Connector
CN2007	K1MMG8Z00002	Connector
ı	J	1

CN2008	K1FB150B0043	Connector	
CN2009	K1FA104B0028	Connector	
CN2010	K1KA10A00325	Connector	
SW2003	K0ZZ00000431	Switch	
X2000	H0J200200002	Oscillator	

15.3 DRIVE Board

Ref. No.	Part No.	Part Name & Description	Remarks
	R	ESISTORS	,
R4001	ERJ3GEYJ220	22 / J / (1/10W)	
R4002	ERJ3GEYJ220	22 / J / (1/10W)	
R4005	ERJ3GEYJ222	2.2K / J / (1/10W)	
R4007	ERJ3GEYJ392	3.9K / J / (1/10W)	
R4008	ERJ3GEYJ103	10K / J / (1/10W)	
R4016	ERJ3GEYJ103	10K / J / (1/10W)	
R4017	ERJ3GEYJ103	10K / J / (1/10W)	
R4018	ERJ3GEYJ103	10K / J / (1/10W)	
R4019	ERJ3GEYJ103	10K / J / (1/10W)	
R4021	ERJ3GEYJ220	22 / J / (1/10W)	
R4022	ERJ3GEYJ220	22 / J / (1/10W)	
R4024	ERJ3GEYJ220	22 / J / (1/10W)	
R4025	ERJ3GEYJ220	22 / J / (1/10W)	
R4027	ERJ3GEYJ121	120 / J / (1/10W)	
R4028	ERJ3GEYJ101	100 / J / (1/10W)	
R4029	ERJ3GEYJ121	120 / J / (1/10W)	
R4030	ERJ3GEYJ101	100 / J / (1/10W)	
R4033	ERJ3GEYJ220	22 / J / (1/10W)	
R4034	ERJ3GEYJ220	22 / J / (1/10W)	
R4036	ERJ3GEYJ220	22 / J / (1/10W)	
R4037	ERJ3GEYJ220	22 / J / (1/10W)	
R4039	ERJ3GEYJ220	22 / J / (1/10W)	
R4040	ERJ3GEYJ220	22 / J / (1/10W)	
R4042	ERJ3GEYJ220	22 / J / (1/10W)	
R4043	ERJ3GEYJ220	22 / J / (1/10W)	
R4045	ERJ3GEYJ220	22 / J / (1/10W)	
R4046	ERJ3GEYJ220	22 / J / (1/10W)	
R4051	ERJ3GEYJ220	22 / J / (1/10W)	
R4052	ERJ3GEYJ220	22 / J / (1/10W)	
R4054	ERJ3GEY0R00	0-ohm Jumper	
R4056	ERJ3GEYJ472	4.7K / J / (1/10W)	
R4057	ERJ3GEYJ472	4.7K / J / (1/10W)	

R4058	ERJ3GEYJ104	100K / J / (1/10W)
R4059	ERJ3GEYJ104	100K / J / (1/10W)
R4060	ERJ3GEYJ105	1000K / J / (1/10W)
R4061	ERJ3GEYJ105	1000K / J / (1/10W)
R4062	ERJ12RSJR10U	0.1 / J / (1/2W)
R4063	ERJ12RSJR10U	0.1 / J / (1/2W)
R4064	ERJ12RSJR10U	0.1 / J / (1/2W)
R4065	ERJ12RSJR10U	0.1 / J / (1/2W)
R4073	ERJ6ENF1051	1.05K / F / (1/10W)
R4074	ERJ6ENF1242	12.4K / F / (1/10W)
R4075	ERJ3GEY0R00	0-ohm Jumper
R4077	ERJ3GEYJ100	10 / J / (1/10W)
R4078	ERJ3GEYJ100	10 / J / (1/10W)
R4079	ERJ3GEYJ100	10 / J / (1/10W)
R4080	ERJ3GEYJ180	18 / J / (1/10W)
R4081	ERJ3GEYJ180	18 / J / (1/10W)
	CAF	PACITORS
C4001	ECJ1VF1E104Z	0.1 / Z / 25V
C4002	ECJ1VF1E104Z	0.1 / Z / 25V
C4004	F2G1A1010013	100 / M / 10V
C4005	F2G1A1010013	100 / M / 10V
C4007	ECJ1VF1E104Z	0.1 / Z / 25V
C4008	ECJ1VF1E104Z	0.1 / Z / 25V
C4010	EEEFC1V101P	100 / M / 35V
C4011	EEEFC1V101P	100 / M / 35V
C4013	EEEFC1V101P	100 / M / 35V
C4014	EEEFC1V101P	100 / M / 35V
C4016	EEEFC1V101P	100 / M / 35V
C4019	ECJ1VF1E104Z	0.1 / Z / 25V
C4020	ECJ1VF1E104Z	0.1 / Z / 25V
C4026	EEEFC1V101P	100 / M / 35V
C4027	EEEFC1V101P	100 / M / 35V
C4028	EEEFC1V101P	100 / M / 35V
C4029	EEEFC1V101P	100 / M / 35V
C4030	EEEFC1V101P	100 / M / 35V
C4031	ECUX1H102KBV	1000P / K / 50V
C4032	ECUX1H102KBV	1000P / K / 50V
C4033	EEEFC1V101P	100 / M / 35V
C4034	EEEFC1V101P	100 / M / 35V
,	J	1

C4035	EEEFC1V101P	100 / M / 35V
C4036	ECUX1H103KBV	0.01 / K / 50V
C4037	ECUX1H103KBV	0.01 / K / 50V
C4038	ECUX1H473ZFV	0.047 / Z / 50V
C4039	ECUX1H473ZFV	0.047 / Z / 50V
C4040	ECUX1H102KBV	1000P / K / 50V
C4041	ECUX1H102KBV	1000P / K / 50V
C4042	ECUX1H103KBV	0.01 / K / 50V
C4043	ECUX1H103KBV	0.01 / K / 50V
C4044	EEEFC1V101P	100 / M / 35V
C4050	EEFCD0K330R	33 / M / 8V
C4051	EEFCD0K330R	33 / M / 8V
C4052	ECUX1H102KBV	1000P / K / 50V
C4053	EEEFC1C221P	220 / M / 16V
C4054	EEEFC1C221P	220 / M / 16V
C4056	ECJ1VC1H100D	10P / D / 50V
C4057	ECUX1H102KBV	1000P / K / 50V
C4058	ECUX1H102KBV	1000P / K / 50V
C4059	ECUX1H101JCV	100P / J / 50V
C4060	ECUX1H101JCV	100P / J / 50V
C4061	ECJ1VC1H100D	10P / D / 50V
C4062	ECJ1VC1H100D	10P / D / 50V
C4063	ECUX1H103KBV	0.01 / K / 50V
C4064	ECUX1H103KBV	0.01 / K / 50V
C4065	ECJ1VF1E104Z	0.1 / Z / 25V
C4066	ECUX1H102KBV	1000P / K / 50V
C4067	ECUX1H102KBV	1000P / K / 50V
C4074	ECUX1H102KBV	1000P / K / 50V
C4075	ECUX1H102KBV	1000P / K / 50V
C4076	ECUX1H102KBV	1000P / K / 50V
		COILS
L4001	J0JKC0000010	Core
L4002	J0JKC0000010	Core
L4003	G1A680H00002	Choke Coil
L4004	G1A220H00010	Choke Coil
L4005	G1A220H00010	Choke Coil
	Γ	DIODES
D4001	B0BC017A0028	Diode
D4002	MA132A	Diode
,	,	. ,

D4003	B0BC01200027	Diode
D4004	MA132A	Diode
D4005	B0BC01200027	Diode
D4006	MA132A	Diode
D4007	B0BC01500012	Diode
D4008	MA132A	Diode
D4009	B0BC5R000020	Diode
D4010	MA132A	Diode
D4011	C0DBZFA00021	Diode
D4012	B0JCME000041	Diode
D4013	MA132A	Diode
D4014	MA132A	Diode
D4015	B0JCME000041	Diode
D4016	B0JCME000041	Diode
	TRA	NSISTORS
Q4003	B1GBCFLL0002	Transistor
Q4005	B1GDCFJJ0002	Transistor
Q4007	B1ABCF000011	Transistor
Q4010	B1GBCFLL0002	Transistor
Q4011	B1GBCFLL0002	Transistor
Q4012	B1GBCFLL0002	Transistor
Q4013	B1GBCFLL0002	Transistor
Q4015	B1ABCF000011	Transistor
Q4016	B1ABCF000011	Transistor
Q4020	B1GBCFLL0002	Transistor
Q4021	B1DHJG000005	Transistor
Q4023	B1GBCFLL0002	Transistor
Q4024	B1GDCFJJ0002	Transistor
	,	ICs
IC4001	C0GAN0000033	IC
IC4002	C0GAN0000033	IC
IC4004	C0DBAMG00014	ICDC-DC Converter
IC4005	C0DBAHH00032	IC
IC4006	C0DBAHH00032	IC
	C	OTHERS
CN4001	K1MN36A00014	Connector
CN4003	K1KA10A00404	Connector
CN4005	K1KA02A00553	Connector
CN4007	K1KA13A00127	Connector
,	*	,

CN4008	K1KA14A00233	Connector	
F4001	K5H402A00010	Fuse	
F4002	K5H402A00010	Fuse	

15.4 CIS (F) RELAY Board

Ref. No.	Part No.	Part Name & Description	Remarks
		RESISTORS	
R3000	ERJ3GEYJ221	220 / J / (1/10W) for KV-S3065CW Series	
R3001	ERJ3GEYJ221	220 / J / (1/10W) for KV-S3065CW Series	
R3002	ERJ3GEYJ221	220 / J / (1/10W) for KV-S3065CW Series	
R3003	ERJ3GEYJ221	220 / J / (1/10W) for KV-S3065CW Series	
R3004	ERJ3GEYJ221	220 / J / (1/10W)	
R3005	ERJ3GEYJ221	220 / J / (1/10W)	
R3006	ERJ3GEYJ221	220 / J / (1/10W)	
R3007	ERJ3GEYJ221	220 / J / (1/10W)	
R3008	ERJ3GEYJ221	220 / J / (1/10W)	
R3009	ERJ3GEYJ221	220 / J / (1/10W)	
R3010	ERJ3GEYJ221	220 / J / (1/10W)	
R3011	ERJ3GEYJ221	220 / J / (1/10W)	
R3012	ERJ3GEYJ221	220 / J / (1/10W)	
R3013	ERJ3GEYJ221	220 / J / (1/10W)	
R3014	ERJ3GEYJ221	220 / J / (1/10W)	
R3015	ERJ3GEYJ221	220 / J / (1/10W)	
	,	CAPACITORS	,
C3000	ECEA1VKS100	10 / M / 35V	
C3001	ECEA1VKS100	10 / M / 35V	
C3002	ECUX1H101JCV	100P / J / 50V	
C3003	ECJ1VF1H104Z	0.1 / Z / 50V	
C3004	ECUX1H101JCV	100P / J / 50V	
C3005	ECJ1VF1H104Z	0.1 / Z / 50V	
C3006	ECUX1H101JCV	100P / J / 50V	
C3007	ECJ1VF1H104Z	0.1 / Z / 50V	
C3008	ECUX1H101JCV	100P / J / 50V	
C3009	ECJ1VF1H104Z	0.1 / Z / 50V	
	,	OTHERS	,
CN3000	K1KA16A00195	Connector	
CN3001	K1KA32A00049	Connector	
CN3002	K1MN40AA0015	Connector for KV-S3065CW Series	
CN3003	K1MN34AA0015	Connector for KV-S3065CL Series	

15.5 CIS (B) RELAY Board

Ref. No.	Part No.	Part Name & Description	Remarks
	,	RESISTORS	
R3016	ERJ3GEYJ221	220 / J / (1/10W)	
R3017	ERJ3GEYJ221	220 / J / (1/10W)	
R3018	ERJ3GEYJ221	220 / J / (1/10W)	
R3019	ERJ3GEYJ221	220 / J / (1/10W)	
R3020	ERJ3GEYJ221	220 / J / (1/10W)	
R3021	ERJ3GEYJ221	220 / J / (1/10W)	
R3022	ERJ3GEYJ221	220 / J / (1/10W)	
R3023	ERJ3GEYJ221	220 / J / (1/10W)	
R3024	ERJ3GEYJ221	220 / J / (1/10W)	
R3025	ERJ3GEYJ221	220 / J / (1/10W)	
R3026	ERJ3GEYJ221	220 / J / (1/10W) for KV-S3065CW Series	
R3027	ERJ3GEYJ221	220 / J / (1/10W) for KV-S3065CW Series	
R3028	ERJ3GEYJ221	220 / J / (1/10W) for KV-S3065CW Series	
R3029	ERJ3GEYJ221	220 / J / (1/10W) for KV-S3065CW Series	
R3030	ERJ3GEYJ101	100 / J / (1/10W) for KV-S3065CW Series	
R3031	ERJ3GEYJ221	220 / J / (1/10W)	
R3032	ERJ3GEYJ221	220 / J / (1/10W)	
	,	CAPACITORS	,
C3010	ECEA1VKS100	10 / M / 35V	
C3011	ECEA1VKS100	10 / M / 35V	
C3012	ECUX1H101JCV	100P / J / 50V	
C3013	ECJ1VF1H104Z	0.1 / Z / 50V	
C3014	ECUX1H101JCV	100P / J / 50V	
C3015	ECJ1VF1H104Z	0.1 / Z / 50V	
C3016	ECUX1H101JCV	100P / J / 50V	
C3017	ECJ1VF1H104Z	0.1 / Z / 50V	
C3018	ECUX1H101JCV	100P / J / 50V	
C3019	ECJ1VF1H104Z	0.1 / Z / 50V	,
	,	OTHERS	,
CN3004	K1KA22AA0039	Connector	
CN3005	K1KA28A00031	Connector	,
CN3006	K1MN40AA0015	Connector for KV-S3065CW Series	,

CN3007 K1MN34AA0015 Connector for KV-S3065CL Series

15.6 PANEL Board

TOP PREVIOUS NEXT

Ref. No.	Part No.	Part Name & Description	Remarks	
	RESISTORS			
R5000	ERDS2TJ332	3.3K / J / (1/4W)		
R5002	ERDS2TJ182	1.8K / J / (1/4W)		
R5003	ERDS2TJ332	3.3K / J / (1/4W)		
R5004	ERDS2TJ103	10K / J / (1/4W)		
R5005	ERDS2TJ181	180 / J / (1/4W)		
R5006	ERDS2TJ391	390 / J / (1/4W)		
	CA	PACITORS	,	
C5000	F1E1H1040017	Capacitor		
C5001	F1E1H1040017	Capacitor		
C5002	F1E1H103A097	0.01 / Z / 50V		
C5003	ECQV1H224JL	0.22 / J / 50V		
		DIODE		
D5000	B3AGA0000032	LED		
	TRA	ANSISTORS		
Q5000	UN4213	Transistor		
Q5001	B1GCCFGJ0002	Transistor		
Q5002	UN4213	Transistor		
Q5003	B1GCCFGJ0002	Transistor		
Q5004	UN4213	Transistor		
	OTHERS			
CN5000	K1KA08B00238	Connector		
SW5000	B3F-6122	Switch		
BZ5000	L0DCEA000024	Buzzer		

15.7 POWER RELAY Board

TOP PREVIOUS NEXT

Ref. No.	Part No.	Part Name & Description	Remarks
	(OTHERS	
CN5001	K1KA02A00553	Connector	
CN5002	K1KA14A00233	Connector	
CN5003	K1KA04A00499	Connector	
CN5004	K1KA03A00465	Connector	
CN5005	K1KA06A00409	Connector	
CN5006	K1KA07A00242	Connector	
CN5008	K1KA06A00429	Connector	
CN5009	K1KA05A00350	Connector	
CN5032	K1KA34A00105	Connector	
CN5033	K1MN36A00014	Connector	
CN5034	K1KA04A00498	Connector	

15.8 POST IMPRINTER DOOR Board

TOP PREVIOUS NEXT

Ref. No.	Part No.	Part Name & Description	Remarks
	RI	ESISTORS	
R5032	ERDS2TJ103	10K / J / (1/4W)	
R5034	ERDS2TJ331	330 / J / (1/4W)	
	CA	APACITOR	
C5021	F1E1H1040017	Capacitor	
	TR	ANSISTOR	
Q5009	2SC3311A	Transistor	
		IC	
IC5004	B3NAA0000097	Photo Interrupter	
OTHER			
CN5014	K1KA05A00350	Connector	

15.9 POINTER Board

TOP PREVIOUS NEXT

Ref. No.	Part No.	Part Name & Description	Remarks	
	RI	ESISTORS	,	
R5033	ERDS2TJ103	10K / J / (1/4W)		
R5035	ERDS2TJ331	330 / J / (1/4W)		
	CA	APACITOR		
C5022	F1E1H1040017	Capacitor		
	TR	ANSISTOR	,	
Q5010	2SC3311A	Transistor		
		IC		
IC5005	B3NAA0000097	Photo Interrupter		
	OTHERS			
CN5013	K1KA06BA0008	Connector		
CN5017	K1KA04B00220	Connector		
CN5018	K1KA03B00194	Connector		

15.10 PAPER JAM SENSOR Board

TOP PREVIOUS NEXT

Ref. No.	Part No.	Part Name & Description	Remarks
	RI	ESISTORS	
R5041	ERDS2TJ333	33K / J / (1/4W)	
R5044	ERDS2TJ271	270 / J / (1/4W)	
	CA	APACITOR	
C5024	F1E1H1040017	Capacitor	
	TR	ANSISTOR	
Q5014	2SA1309A	Transistor	
		IC	
IC5009	B3NAB0000028	Photo Reflector	
OTHERS			
CN5019	K1KA04A00498	Connector	
	PBHR38X	Spacer	

15.11 ENDING (REAR) Board

TOP PREVIOUS NEXT

Ref. No.	Part No.	Part Name & Description	Remarks
	RI	ESISTORS	
R5042	ERDS2TJ333	33K / J / (1/4W)	
R5045	ERDS2TJ271	270 / J / (1/4W)	
	CA	APACITOR	
C5025	F1E1H1040017	Capacitor	
	TR	ANSISTOR	
Q5015	2SA1309A	Transistor	
		IC	
IC5010	B3NAB0000028	Photo Reflector	
OTHERS			
CN5020	K1KA03B00194	Connector	
	PBHR38X	Spacer	

15.12 RELAY (LOWER) Board

Ref. No.	Part No.	Part Name & Description	Remarks
	RI	ESISTORS	,
R5007	ERDS2TJ751T	750 / J / (1/4W)	
R5008	ERDS2TJ152	1.5K / J / (1/4W)	
R5009	ERDS2TJ392	3.9K / J / (1/4W)	
R5010	ERDS2TJ102	1K / J / (1/4W)	
R5011	ERDS2TJ102	1K / J / (1/4W)	
R5012	ERDS2TJ153	15K / J / (1/4W)	
R5013	ERDS2TJ102	1K / J / (1/4W)	
R5014	ERDS2TJ473	47K / J / (1/4W)	
R5015	ERDS2TJ472	4.7K / J / (1/4W)	
R5016	ERDS2TJ472	4.7K / J / (1/4W)	
R5017	ERDS2TJ104	100K / J / (1/4W)	
R5018	ERDS2TJ473	47K / J / (1/4W)	
R5019	ERDS2T0	0-ohm Jumper	
R5020	ERDS2TJ123	12K / J / (1/4W)	
R5021	ERDS2TJ473	47K / J / (1/4W)	
R5022	ERDS2TJ472	4.7K / J / (1/4W)	
R5023	ERDS2TJ473	47K / J / (1/4W)	
R5024	ERDS2TJ472	4.7K / J / (1/4W)	
R5025	ERDS2TJ101	100 / J / (1/4W)	
R5026	ERDS2TJ101	100 / J / (1/4W)	
R5078	ERDS2T0	0-ohm Jumper	
	CA	PACITORS	,
C5004	ECEA1CKS101	100 / M / 16V	
C5005	F1E1H1040017	Capacitor	
C5006	ECEA1CKS101	100 / M / 16V	
C5007	F1E1H1040017	Capacitor	
C5008	ECQB1H103JF3	0.01 / J / 50V	
C5009	ECQB1H103JF3	0.01 / J / 50V	
C5010	ECQB1H103JF3	0.01 / J / 50V	
C5011	ECQB1H103JF3	0.01 / J / 50V	
C5012	ECQB1H103JF3	0.01 / J / 50V	
C5013	F1E1H1040017	Capacitor	

C5014	ECQB1H103JF3	0.01 / J / 50V	
C5015	ECQB1H103JF3	0.01 / J / 50V	
C5016	ECEA1CKS101	100 / M / 16V	
C5017	F1E1H1040017	Capacitor	
C5018	F1E1H1040017	Capacitor	
	,	DIODE	
D5001	MA165	Diode	
	TRA	ANSISTORS	
Q5005	2SC3311A	Transistor	
Q5006	2SA1309A	Transistor	
		ICs	
IC5000	NJM2082D	IC Operational Amp.	
IC5001	C0AAAB000097	IC Operational Amp.	
OTHERS			
CN5007	K1KA20BA0025	Connector	
CN5010	K1KA10BA0009	Connector	
CN5011	K1KA02BA0023	Connector	

15.13 HOPPER HOME Board

TOP PREVIOUS NEXT

Ref. No.	Part No.	Part Name & Description	Remarks	
	RE	ESISTORS	,	
R5028	ERDS2TJ103	10K / J / (1/4W)		
R5029	ERDS2TJ103	10K / J / (1/4W)		
R5030	ERDS2TJ331	330 / J / (1/4W)		
R5031	ERDS2TJ331	330 / J / (1/4W)		
	CA	PACITORS		
C5019	F1E1H1040017	Capacitor		
C5020	F1E1H1040017	Capacitor		
	TRA	ANSISTORS		
Q5007	2SC3311A	Transistor		
Q5008	2SC3311A	Transistor		
		ICs		
IC5002	B3NAA0000097	Photo Interrupter		
IC5003	B3NAA0000097	Photo Interrupter		
OTHERS				
CN5012	K1KA10BA0009	Connector		
CN5015	K1MN08BA0003	Connector		

15.14 SIZE DETECTOR Board

Ref. No.	Part No.	Part Name & Description	Remarks
	RE	ESISTORS	,
R5036	ERDS2TJ103	10K / J / (1/4W)	
R5037	ERDS2TJ331	330 / J / (1/4W)	
R5038	ERDS2TJ103	10K / J / (1/4W)	
R5039	ERDS2TJ331	330 / J / (1/4W)	
R5040	ERDS2TJ103	10K / J / (1/4W)	
R5043	ERDS2TJ331	330 / J / (1/4W)	
R5046	ERDS2TJ103	10K / J / (1/4W)	
R5047	ERDS2TJ331	330 / J / (1/4W)	
R5048	ERDS2TJ103	10K / J / (1/4W)	
R5049	ERDS2TJ331	330 / J / (1/4W)	
	CA	PACITORS	,
C5023	F1E1H1040017	Capacitor	
C5026	F1E1H1040017	Capacitor	
C5029	F1E1H1040017	Capacitor	
C5030	F1E1H1040017	Capacitor	
	TRA	NSISTORS	,
Q5011	2SC3311A	Transistor	
Q5012	2SC3311A	Transistor	
Q5013	2SC3311A	Transistor	
Q5016	2SC3311A	Transistor	
Q5017	2SC3311A	Transistor	
	,	ICs	,
IC5006	B3NAA0000097	Photo Interrupter	
IC5007	B3NAA0000097	Photo Interrupter	
IC5008	B3NAA0000097	Photo Interrupter	
IC5011	B3NAA0000097	Photo Interrupter	
IC5012	B3NAA0000097	Photo Interrupter	
	(OTHERS	,
CN5016	K1MN08BA0072	Connector	
CN5021	K1KA04B00220	Connector	

15.15 RELAY (UPPER) Board

Ref. No.	Part No.	Part Name & Description	Remarks
	R	ESISTORS	,
R5050	ERDS2TJ103	10K / J / (1/4W)	
R5051	ERDS2TJ102	1K / J / (1/4W)	
R5052	ERDS2TJ103	10K / J / (1/4W)	
R5053	ERDS2TJ102	1K / J / (1/4W)	
R5054	ERDS2TJ331	330 / J / (1/4W)	
R5055	ERDS2TJ102	1K / J / (1/4W)	
R5056	ERDS2TJ682	6.8K / J / (1/4W)	
R5057	ERDS2TJ472	4.7K / J / (1/4W)	
R5058	ERDS2TJ472	4.7K / J / (1/4W)	
R5059	ERDS2TJ821	820 / J / (1/4W)	
R5060	ERDS2TJ222	2.2K / J / (1/4W)	
R5063	ERDS2TJ473	47K / J / (1/4W)	
R5064	ERDS2TJ473	47K / J / (1/4W)	
R5065	ERDS2TJ472	4.7K / J / (1/4W)	
R5066	ERDS2TJ821	820 / J / (1/4W)	
R5068	ERDS2TJ222	2.2K / J / (1/4W)	
R5070	ERDS2TJ473	47K / J / (1/4W)	
R5071	ERDS2TJ473	47K / J / (1/4W)	
	CA	PACITORS	,
C5031	ECEA1VKS100	10 / M / 35V	
C5032	ECEA1CKS101	100 / M / 16V	
C5033	F1E1H1040017	Capacitor	
C5034	F1E1H1040017	Capacitor	
C5035	F1E1H1040017	Capacitor	
C5036	F1E1H1040017	Capacitor	
C5039	F1E1H103A097	0.01 / Z / 50V	
C5040	F1E1H1040017	Capacitor	
C5044	F1E1H103A097	0.01 / Z / 50V	
C5046	F1E1H1040017	Capacitor	
	TRA	ANSISTORS	,
Q5018	2SC3311A	Transistor	
Q5019	2SC3311A	Transistor	

Q5020	2SA1309A	Transistor	
Q5021	2SC3311A	Transistor	
Q5022	2SC3311A	Transistor	
Q5024	2SC3311A	Transistor	
Q5025	2SA1309A	Transistor	
Q5027	2SC3311A	Transistor	
Q5028	2SC3311A	Transistor	
Q5029	2SA1309A	Transistor	
		ICs	
IC5013	C0JAAB000109	IC	
IC5014	B3NAA0000097	Photo Interrupter	
	(OTHERS	
CN5022	K1KA12A00324	Connector	
CN5023	K1KA05A00350	Connector	
CN5025	K1KA06A00429	Connector	
CN5026	K1KA04A00498	Connector	
CN5031	K1KA02A00552	Connector	

15.16 WAITING SENSOR Board

TOP PREVIOUS NEXT

Ref. No.	Part No.	Part Name & Description	Remarks	
	RI	ESISTORS		
R5074	ERDS2TJ333	33K / J / (1/4W)		
R5075	ERDS2TJ271	270 / J / (1/4W)		
R5076	ERDS2TJ333	33K / J / (1/4W)		
R5077	ERDS2TJ271	270 / J / (1/4W)		
	CA	PACITORS		
C5047	F1E1H1040017	Capacitor		
C5049	F1E1H1040017	Capacitor		
TRANSISTORS				
Q5031	2SA1309A	Transistor		
Q5032	2SA1309A	Transistor		
	ICs			
IC5018	B3NAB0000028	Photo Reflector		
IC5019	B3NAB0000028	Photo Reflector		
OTHERS				
CN5027	K1KA06A00429	Connector		
CN5029	K1KA03A00465	Connector		
	PBHR38X	Spacer		

15.17 SKEW (R) Board

TOP PREVIOUS NEXT

Ref. No.	Part No.	Part Name & Description	Remarks	
	RI	ESISTORS		
R5067	ERDS2TJ333	33K / J / (1/4W)		
R5069	ERDS2TJ271	270 / J / (1/4W)		
	CAPACITOR			
C5041	F1E1H1040017	Capacitor		
TRANSISTOR				
Q5026	2SA1309A	Transistor		
	IC			
IC5016	B3NAB0000028	Photo Reflector		
OTHERS				
CN5030	K1KA03A00465	Connector		
	PBHR38X	Spacer		

15.18 STARTING SENSOR Board

TOP PREVIOUS NEXT

Ref. No.	Part No.	Part Name & Description	Remarks	
	RE	ESISTORS		
R5072	ERDS2TJ333	33K / J / (1/4W)		
R5073	ERDS2TJ271	270 / J / (1/4W)		
	CA	PACITOR		
C5043	F1E1H1040017	Capacitor		
	TRANSISTOR			
Q5030	2SA1309A	Transistor		
IC				
IC5017	B3NAB0000028	Photo Reflector		
OTHERS				
CN5028	K1KA03AA0049	Connector		
	PBHR38X	Spacer		

15.19 ENDING (FRONT) Board

TOP PREVIOUS NEXT

Ref. No.	Part No.	Part Name & Description	Remarks	
	RESISTORS			
R5061	ERDS2TJ333	33K / J / (1/4W)		
R5062	ERDS2TJ271	270 / J / (1/4W)		
	CAPACITOR			
C5037	F1E1H1040017	Capacitor		
TRANSISTOR				
Q5023	2SA1309A	Transistor		
	IC			
IC5015	B3NAB0000028	Photo Reflector		
OTHERS				
CN5024	K1KA05B00186	Connector		
	PBHR38X	Spacer		

15.20 POWER Board

TOP PREVIOUS

Ref. No.	Part No.	Part Name & Description	Remarks	
RESISTORS				
R801	ERDS1TJ684	680K / J / (1/2W)		
R802	MPC710.22K	Resistor		
R803	MPC710.1K	Resistor		
R804	ER0S2THF1803	180K / F / (1/4W)		
R805	ER0S2THF1803	180K / F / (1/4W)		
R806	ER0S2THF1803	180K / F / (1/4W)		
R807	ER0S2THF3161	3.16K / F / (1/4W)		
R808	ERDS2TJ124	120K / J / (1/4W)		
R809	ERDS2TJ124	120K / J / (1/4W)		
R810	ERDS2TJ223	22K / J / (1/4W)		
R811	ERDS2TJ242	2.4K / J / (1/4W)		
R812	ER0S2THF1803	180K / F / (1/4W)		
R813	ER0S2THF1803	180K / F / (1/4W)		
R814	ER0S2THF1803	180K / F / (1/4W)		
R815	ER0S2THF2151	2.15K / F / (1/4W)		
R816	ER0S2THF1803	180K / F / (1/4W)		
R817	ER0S2THF1803	180K / F / (1/4W)		
R818	ER0S2THF1803	180K / F / (1/4W)		
R819	ER0S2THF3161	3.16K / F / (1/4W)		
R820	ERDS2TJ103	10K / J / (1/4W)		
R821	ERDS2TJ105	1000K / J / (1/4W)		
R822	ERDS2TJ334	330K / J / (1/4W)		
R823	ERDS1TJ680	68 / J / (1/2W)		
R824	ERDS2TJ103	10K / J / (1/4W)		
R825	ERDS2TJ104	100K / J / (1/4W)		
R826	ERDS2TJ181	180 / J / (1/4W)		
R827	ERDS2TJ104	100K / J / (1/4W)		
R828	ERDS2TJ223	22K / J / (1/4W)		
R829	ERDS2TJ270	27 / J / (1/4W)		
R830	ERG2SJ104	100K / J / 2W		
R831	ERDS2TJ203	20K / J / (1/4W)		
R832	ERDS2TJ472	4.7K / J / (1/4W)		

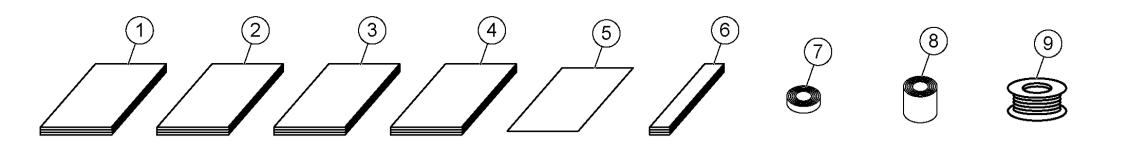
R833	ER0S2THF1152	11.5K / F/ (1/4W)	
R834	ERDS2TJ101	100 / J / (1/4W)	
R835	ERDS2TJ104	100K / J / (1/4W)	
R836	ERDS2TJ821	820 / J / (1/4W)	
R841	ER0S2THF1001	1K / F/ (1/4W)	
R842	ER0S2THF8871	8.87K / F / (1/4W)	
R843	ERDS2TJ242	2.4K / J / (1/4W)	
R844	ERDS2TJ102	1K / J / (1/4W)	
R845	ERDS2TJ272	2.7K / J / (1/4W)	
R861	ERDS2TJ472	4.7K / J / (1/4W)	
R862	ERDS2TJ103	10K / J / (1/4W)	
R863	ERDS2TJ472	4.7K / J / (1/4W)	
R864	ERDS2TJ472	4.7K / J / (1/4W)	
R865	ERDS2TJ103	10K / J / (1/4W)	
R866	ERDS2TJ103	10K / J / (1/4W)	
R881	ERDS2TJ101	100 / J / (1/4W)	
R882	ERDS2TJ103	10K / J / (1/4W)	
R883	ERDS1TJ470	47 / J / 1/2W	
R884	ERDS2TJ242	2.4K / J / (1/4W)	
R885	ERDS2TJ472	4.7K / J / (1/4W)	
R886	ERDS2TJ101	100 / J / (1/4W)	
	CAP	ACITORS	,
C801	ECQU2A684MLA	0.68 / M / 100V	Δ
C802	ECQU2A684MLA	0.68 / M / 100V	Δ
C803	PJCK25222MDT	2200P / M / 250V	Δ
C804	PJCK25222MDT	2200P / M / 250V	Δ
C805	ECQE2W474KC	0.47 / K / 450V	Δ
C806	ECQE4103KF3	0.01 / K / 400V	
C807	F2B2W2210007	220P/ M / 450V	Δ
C808	PJCK25472MDT	4700P / M / 50V	
C809	ECQB1H333JF3	0.033 / J / 50V	
C810	ECQB1H471JF	470P / J / 50V	
C811	F1D1H680A007	680P / J / 50V	
C812	ECQV1H104JL3	0.1 / J / 50V	
C813	ECQB1H333JF3	0.033 / J / 50V	
C814	PJCE1H100MCH	10P / M / 50V	
	ECQV1H104JL3	0.1 / J / 50V	

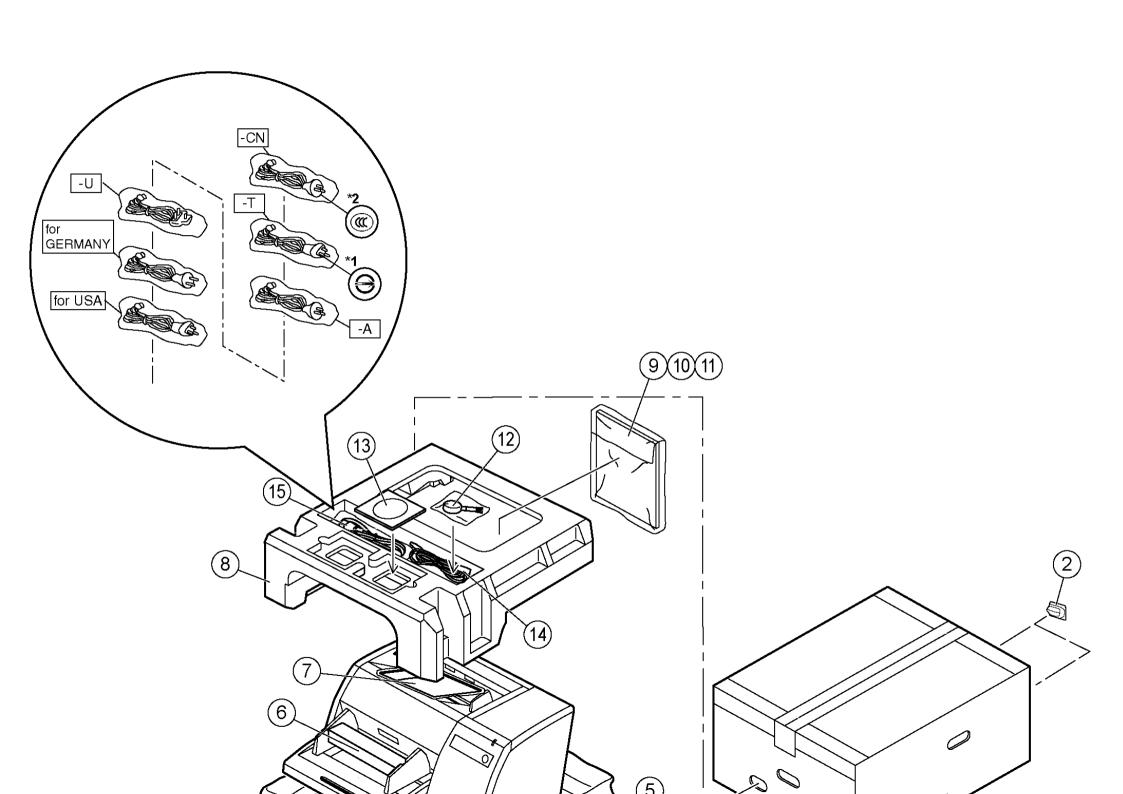
C816	F2A1V1010026	100 / 35V	
C817	ECQB1H471JF	470P / J / 50V	
C818	ECQB1H103JF3	0.01 / J / 50V	
C819	ECQB1H472JF3	4700P / J / 50V	
C820	ECQV1H104JL3	0.1 / J / 50V	
C821	F1D1H680A007	680P / J / 50V	
C822	F1B3F1220001	1200P / K / 3KV	
C823	F2A1V1010026	100 / 35V	
C824	ECQV1H104JL3	0.1 / J / 50V	
C825	ECQV1H104JL3	0.1 / J / 50V	
C826	ECQV1H104JL3	0.1 / J / 50V	
C841	F2A1V2220019	2200 / 35V	
C842	F2A1V2220019	2200 / 35V	
C843	F2A1V2220019	2200 / 35V	
C844	F2A1V2220019	2200 / 35V	
C845	ECQV1H104JL3	0.1 / J / 50V	
C881	PJCE1H100MCH	10P / M / 50V	
C882	PJCE1H100MCH	10P / M / 50V	
	,	COILS	,
L801	ELF18D850C	Line Filter	Δ
L802	ELF18D850C	Line Filter	Δ
L803	G0A941J00001	Coil	Δ
L841	G0A6R8K00004	Coil	
	Γ	DIODES	,
D801	B0FBBR000037	Diode	
D802	B0HARR000018	Diode	Δ
D803	B0EALR000009	Diode	
D804	B0EAEM000001	Diode	
D805	B0EAEM000001	Diode	
D806	ERA83004AVRB	Diode	
D807	B0BA7R4A0036	Diode	
D808	B0EAEM000001	Diode	
D809	B0EAEM000001	Diode	
D810	B0EAEM000001	Diode	
D811	B0EAEM000001	Diode	
D812	B0HAMV000022	Diode	
D813	B0HAMV000022	Diode	
D814	B0EAEM000001	Diode	
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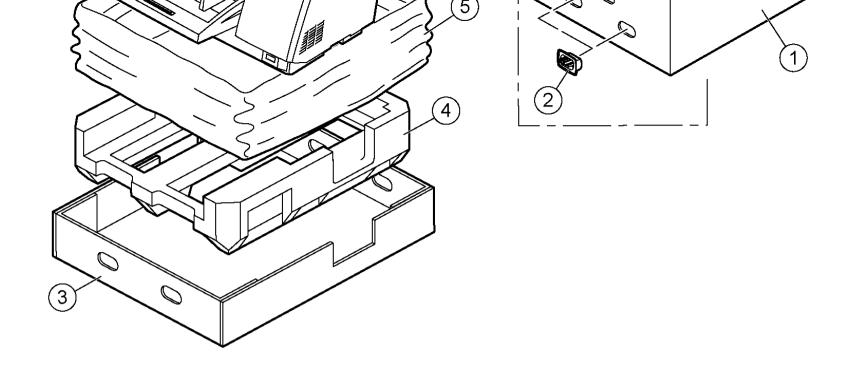
D815	B0BA026A0038	Diode	
D816	B0BA026A0038	Diode	
D817	B0BA026A0038	Diode	
D841	B0JBSL000016	Diode	
D861	B0BA012A0037	Diode	
D881	MA165	Diode	
D882	B0BA026A0038	Diode	
D883	MA165	Diode	
D884	B0EAEM000001	Diode	
D886	MA165	Diode	
D887	MA165	Diode	
D888	B0BA5R0A0034	Diode	
	TRA	NSISTORS	,
Q801	B1DEGR000022	Transistor	Δ
Q802	B1GCCFGJ0002	Transistor	
Q803	UNR421200A	Transistor	
Q804	2SC3311A	Transistor	
Q806	UNR421200A	Transistor	
Q807	2SA1309A	Transistor	
Q861	B1GCCFGJ0002	Transistor	
Q862	UNR421200A	Transistor	
Q863	UNR421200A	Transistor	
Q864	UNR421200A	Transistor	
Q865	B1ACNL000002	Transistor	
Q881	2SC3311A	Transistor	
		ICs	
IC801	C0DABZG00001	IC	Δ
IC802	C0DACZH00025	IC	
IC803	B3PAA0000261	Photo Isolator	Δ
IC804	B3PAA0000261	Photo Isolator	Δ
IC805	B3PAA0000261	Photo Isolator	Δ
IC807	C0DAEZC00003	IC	
IC841	C0DAEZC00003	IC	
OTHERS			
CN801	K1KA02A00593	Connector	
CN802	K1KA10A00404	Connector	
CN803	K1KA03AA0054	Connector	

T801	G4D4A0000077	Switching Trans	Δ
TH801	D4CAD5R00004	Thermistor	Δ
TH802	D4CAD5R00004	Thermistor	Δ
ZNR801	D4EAA4710001	Varistor	
F801	K5Y402B00002	Fuse 250V	Δ
F841	XBA2C63TB15L	Fuse 250V	Δ
SHEET1	FA-35-9051	Insulator Sheet	
SHEET2	FA35-37X38	Insulator Sheet	
FH1	K3GE1BB00001	Fuse Holder	
FH2	K3GE1BB00001	Fuse Holder	
FH3	K3GE1BB00001	Fuse Holder	
FH4	K3GE1BB00001	Fuse Holder	
	PJMYB0012Y	Heat Sink	
	PJMYC0001Z	Heat Sink	
	XTN3+8JFJ	Screw	
	XTW3+10SFJ	Screw	
	XTW3+U8SFJ	Screw	

TOP PREVIOUS

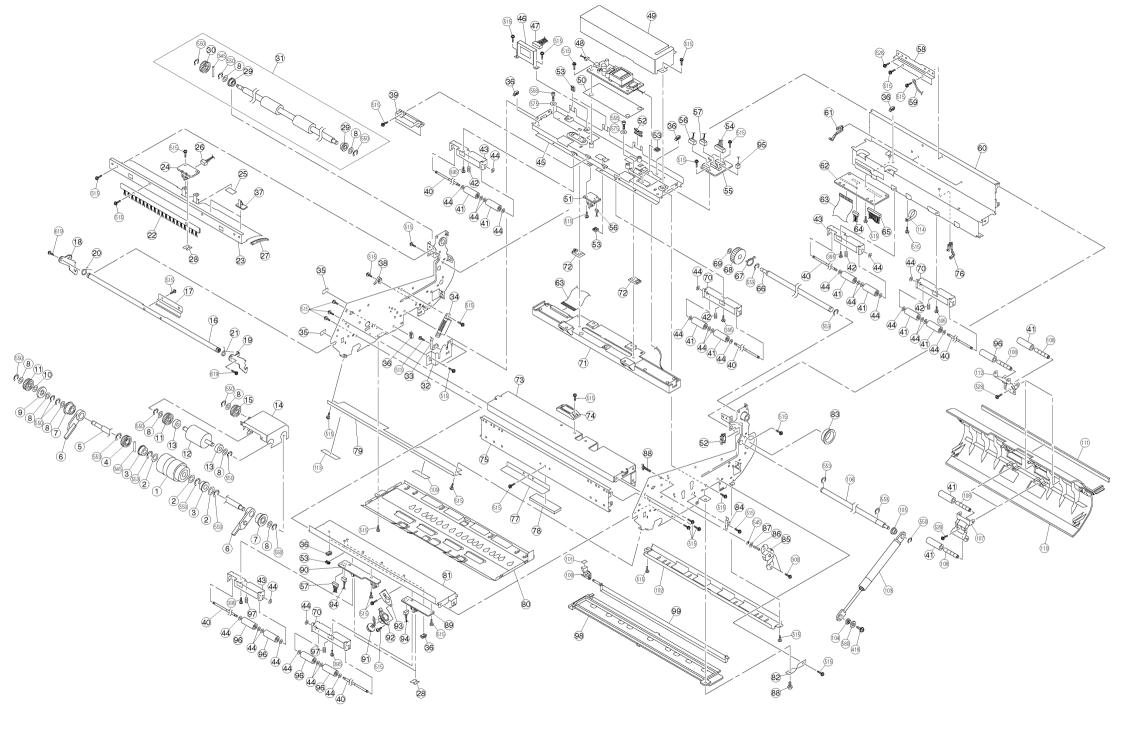


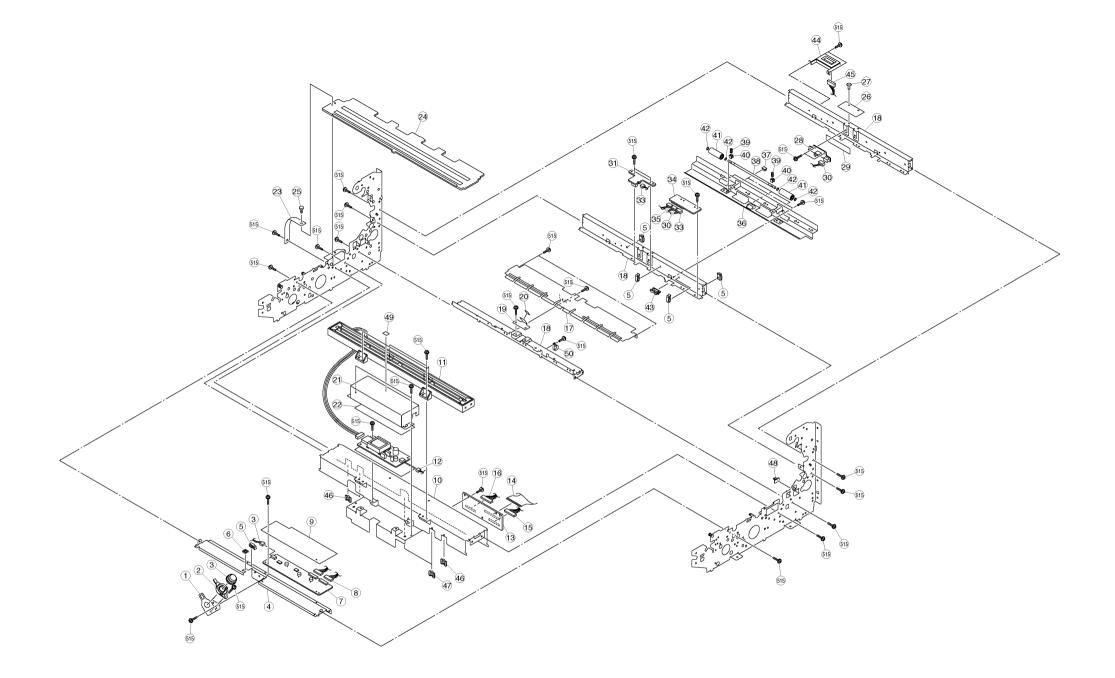


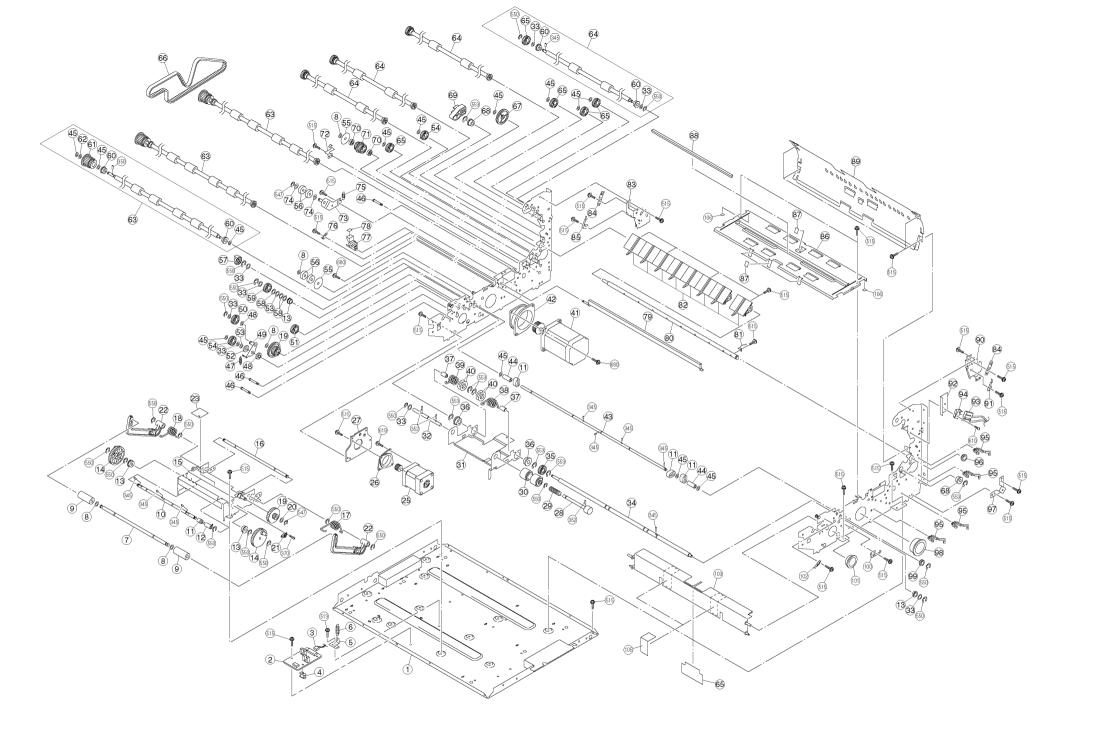


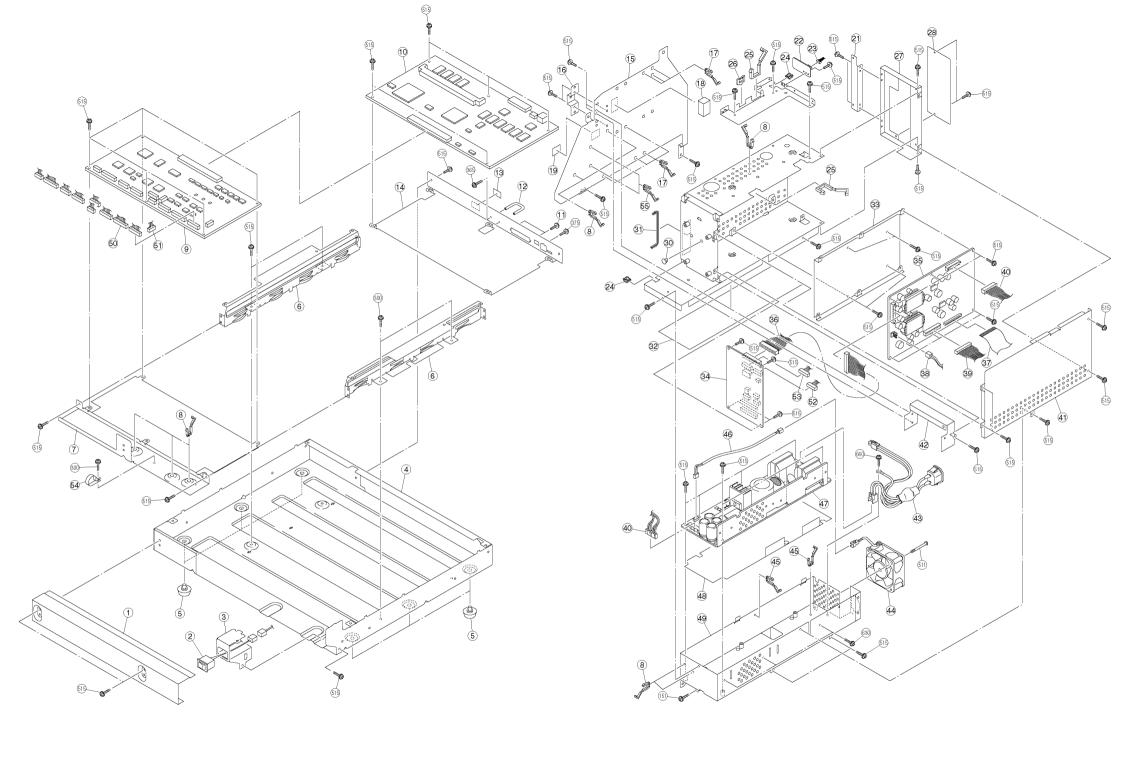
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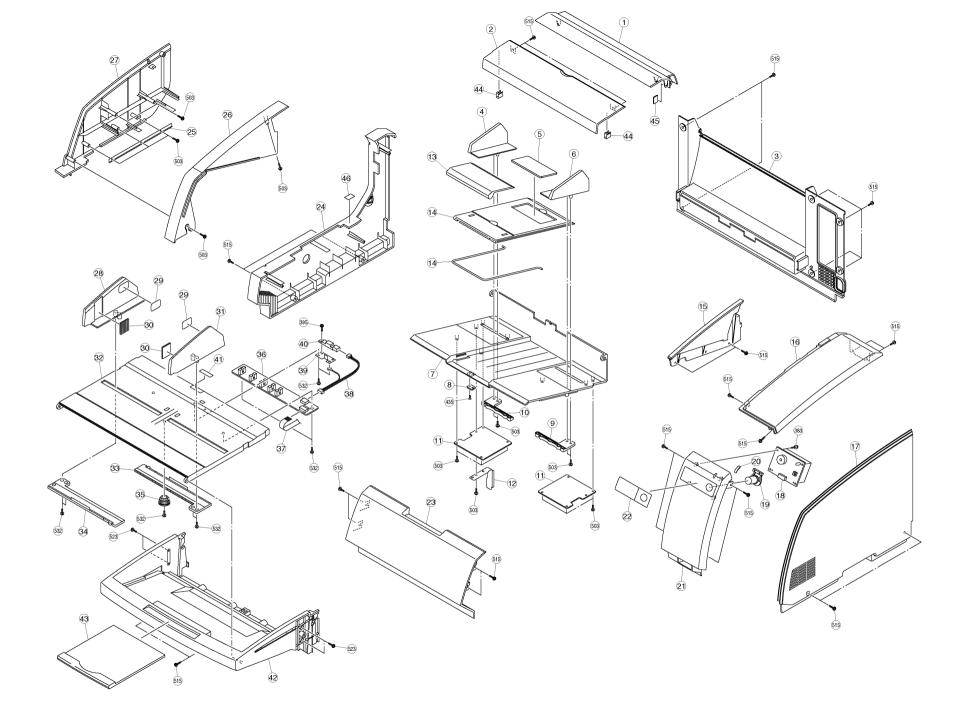
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- *2 AC cords for China have the certification mark according to REGULATIONS FOR CHINA COMPULSORY PRODUCT CERTIFICATION.

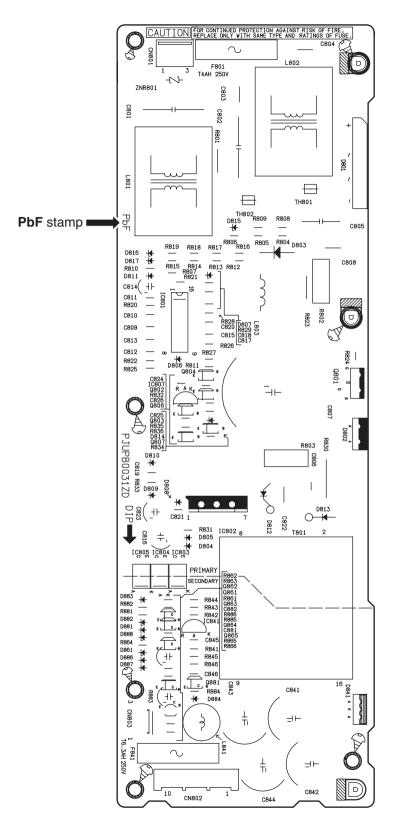






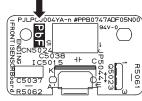


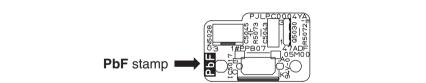




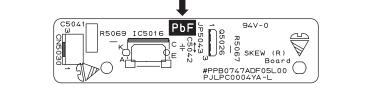
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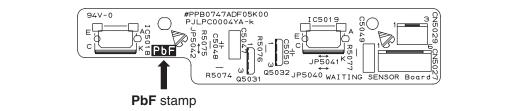
PbF stamp

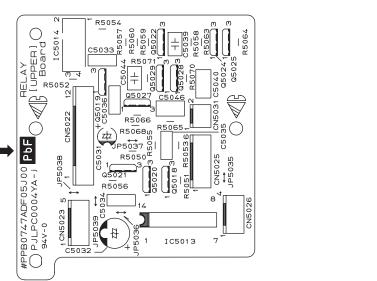




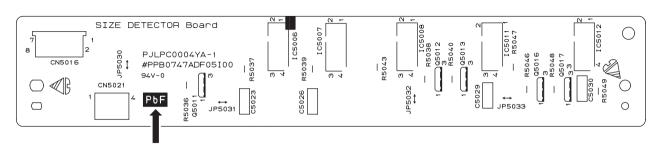
PbF stamp





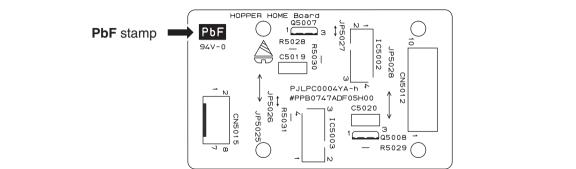


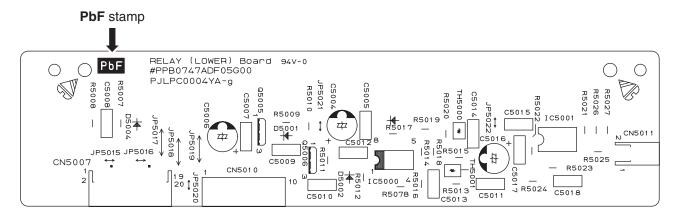
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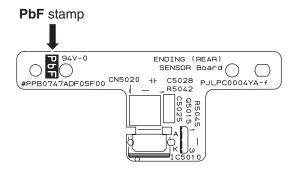


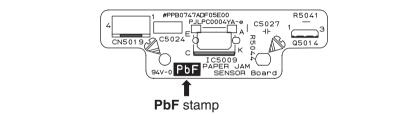
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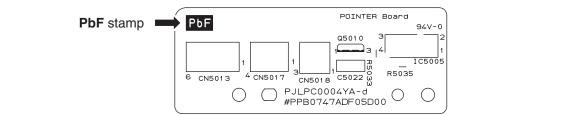
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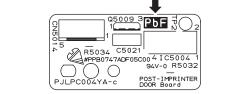


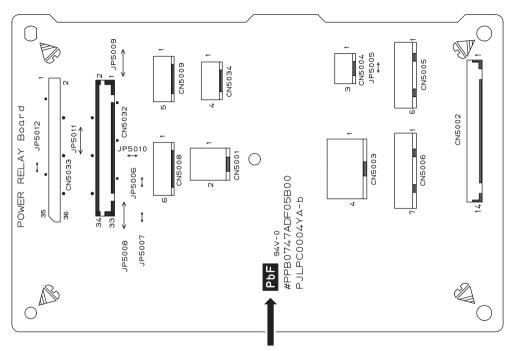




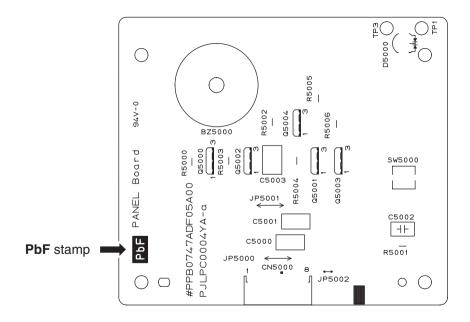


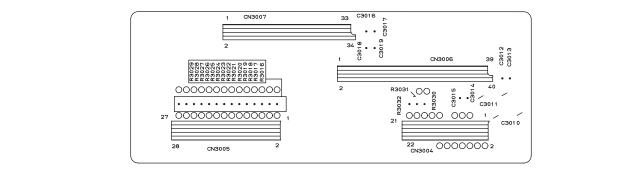
PbF stamp ■

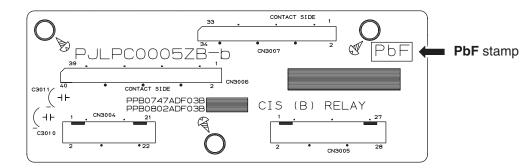


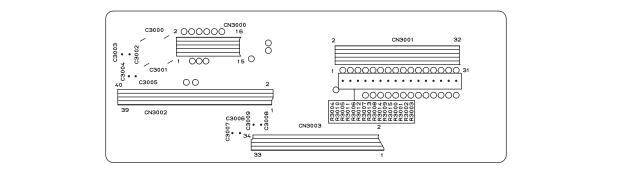


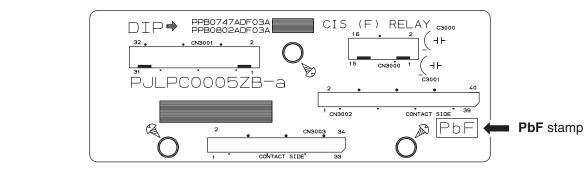
PbF stamp

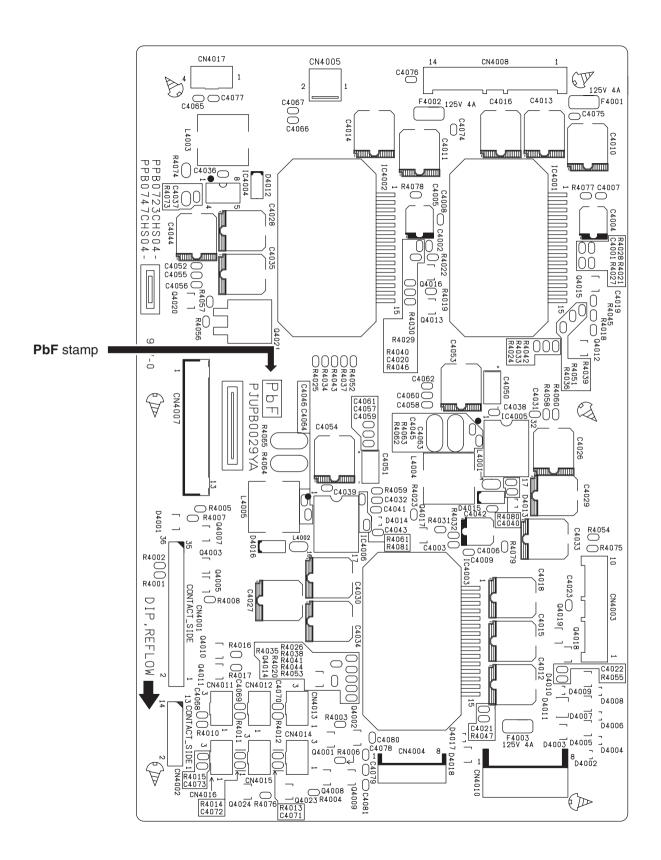


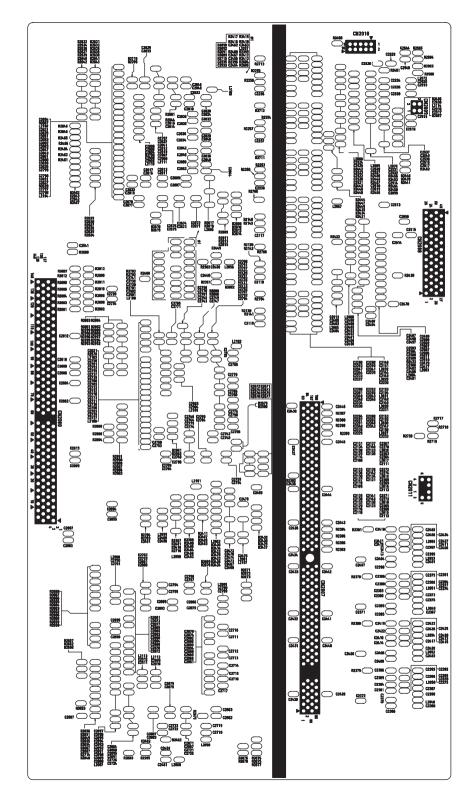




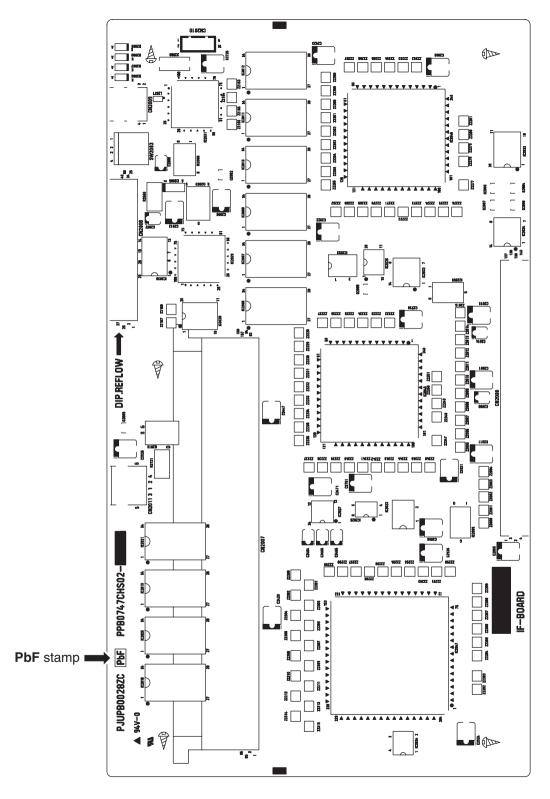




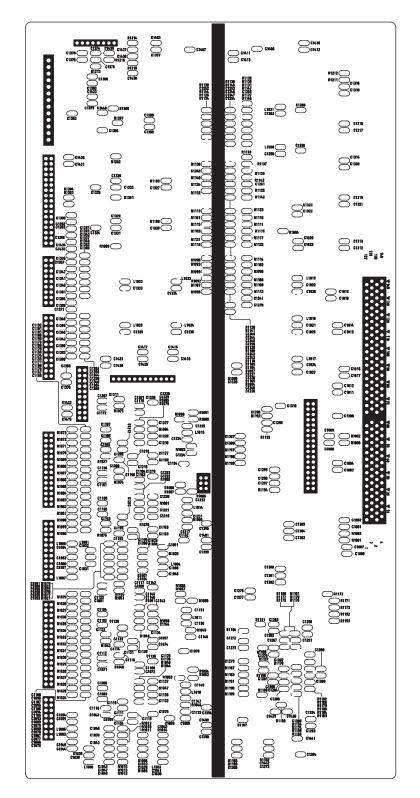




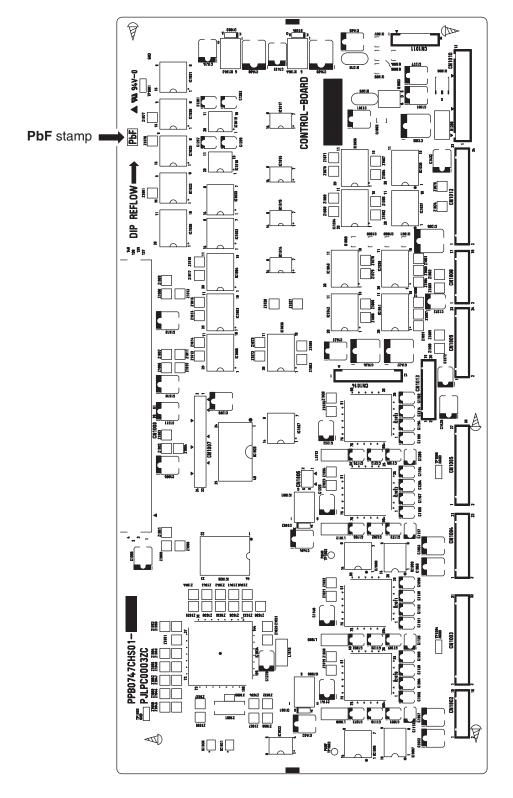
Reducing to 70%.



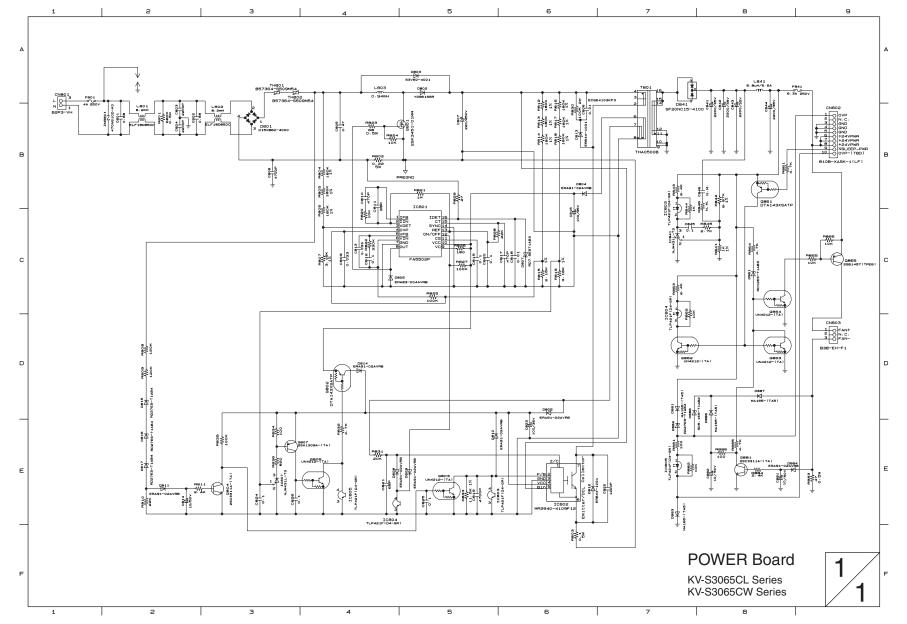
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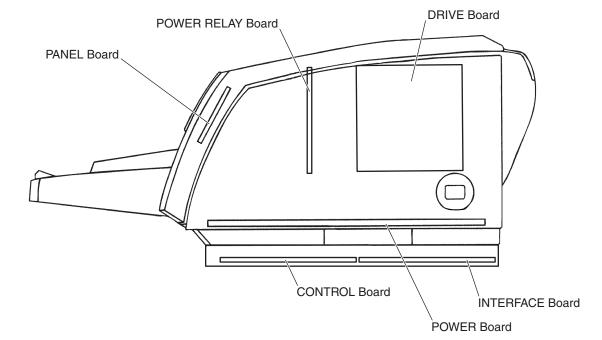


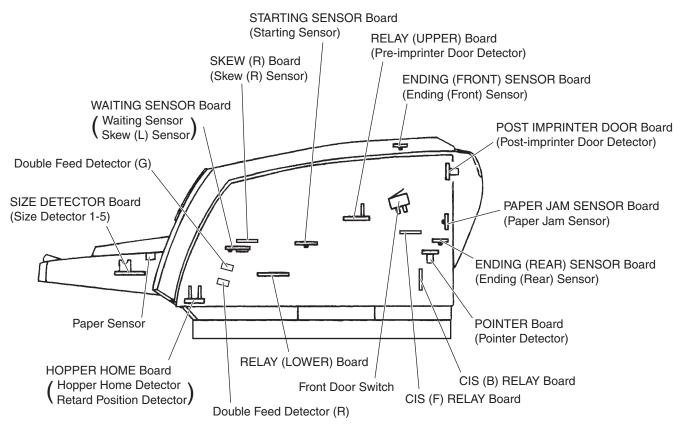
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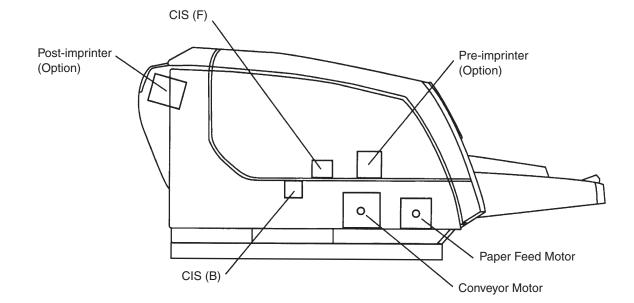


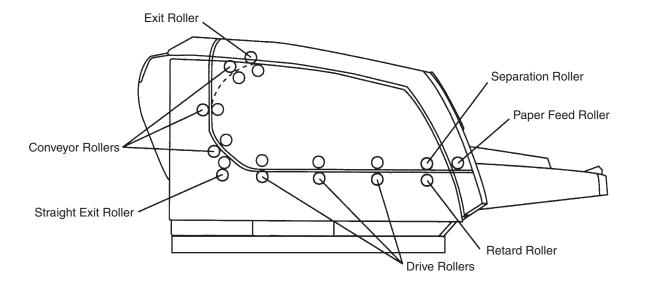
Reducing to 70%.

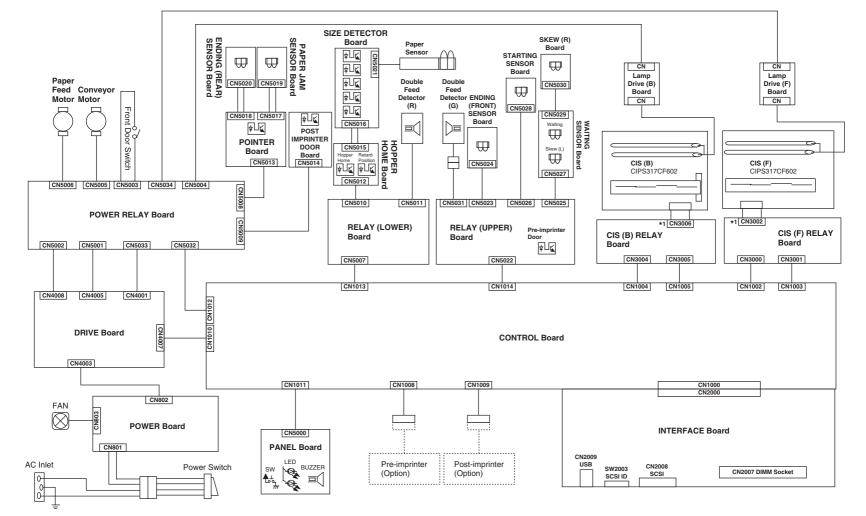










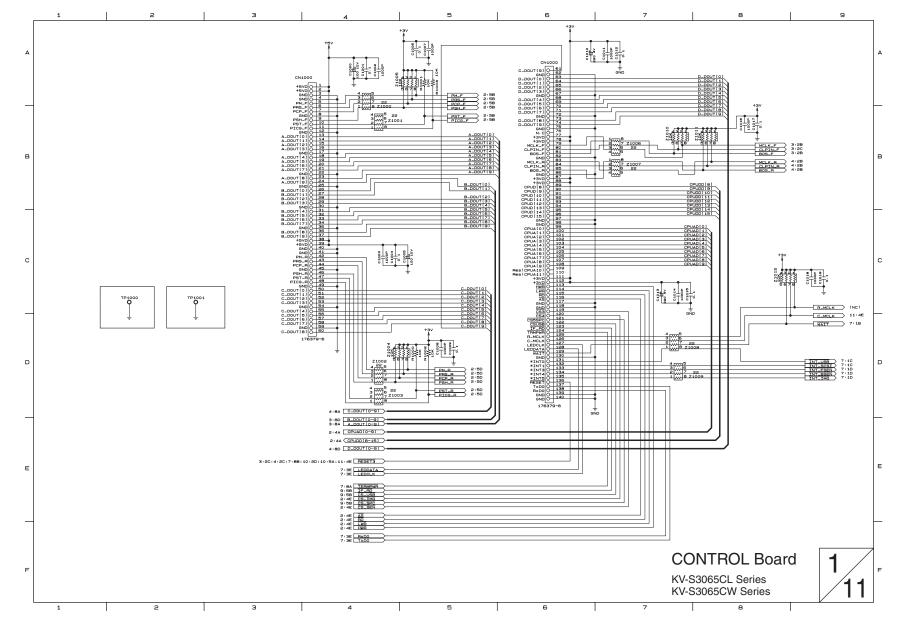


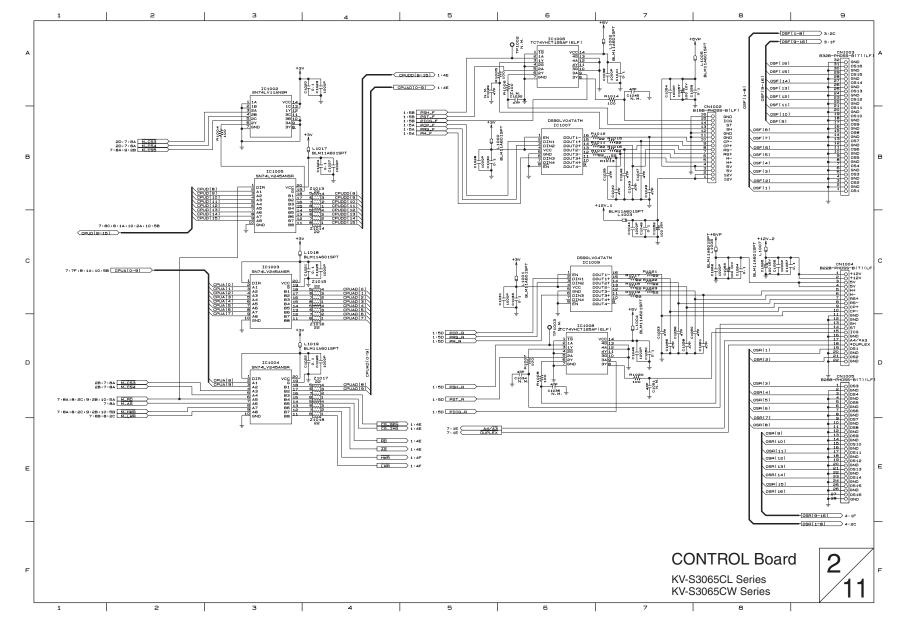
Note: *1

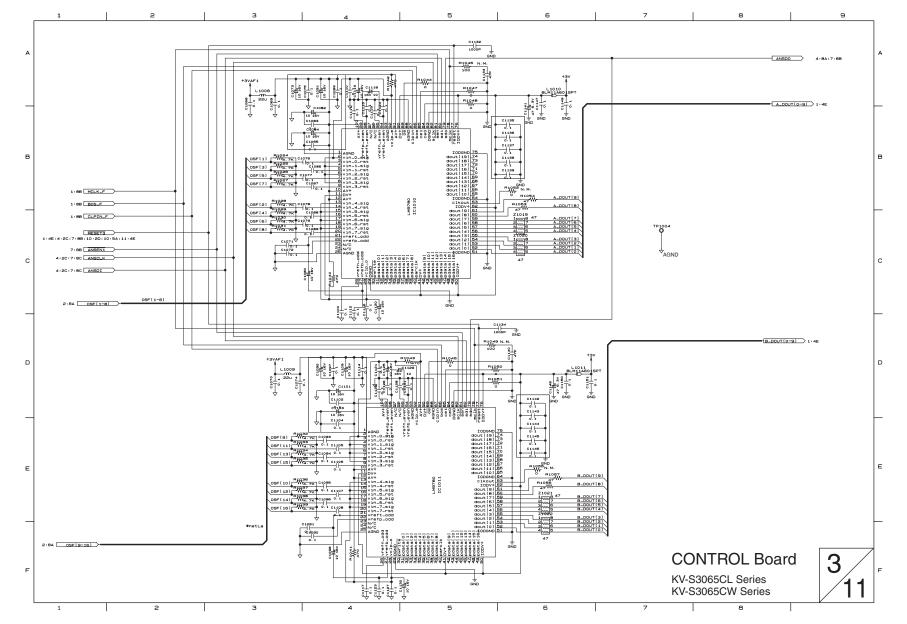
Some CN location numbers of KV-S3065CL Series are different from that of KV-S3065CW Series as follows.

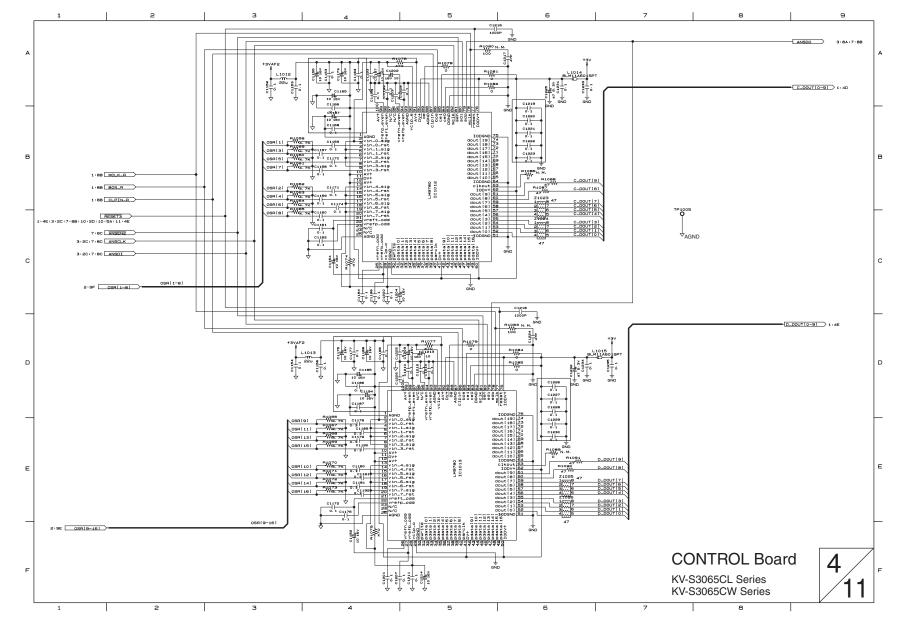
(KV-S3065CW Series)
CN3002
CN3006
CIPS317CF602

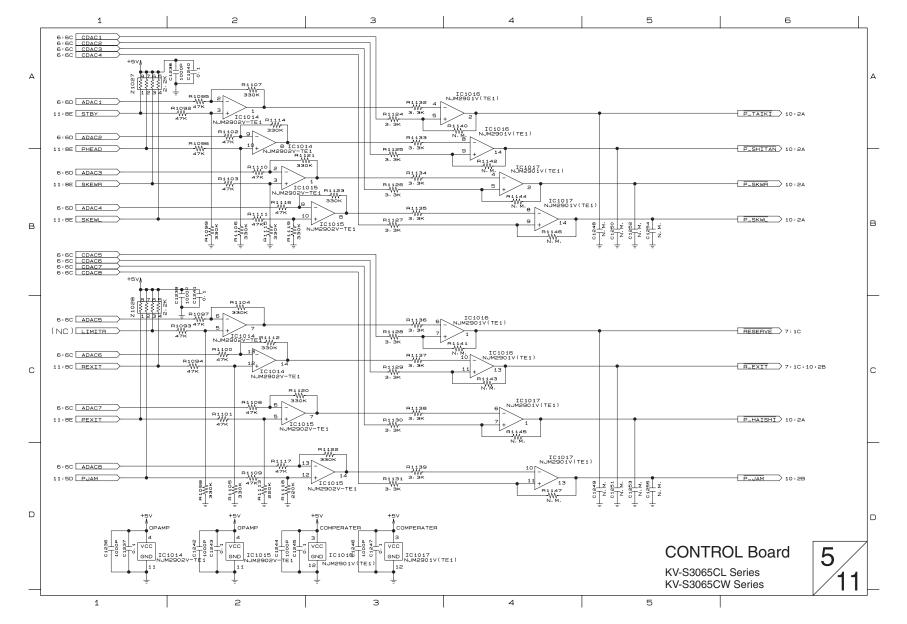
(KV-S3065CL Series)
CN3003
CN3007
CIPS237CF600

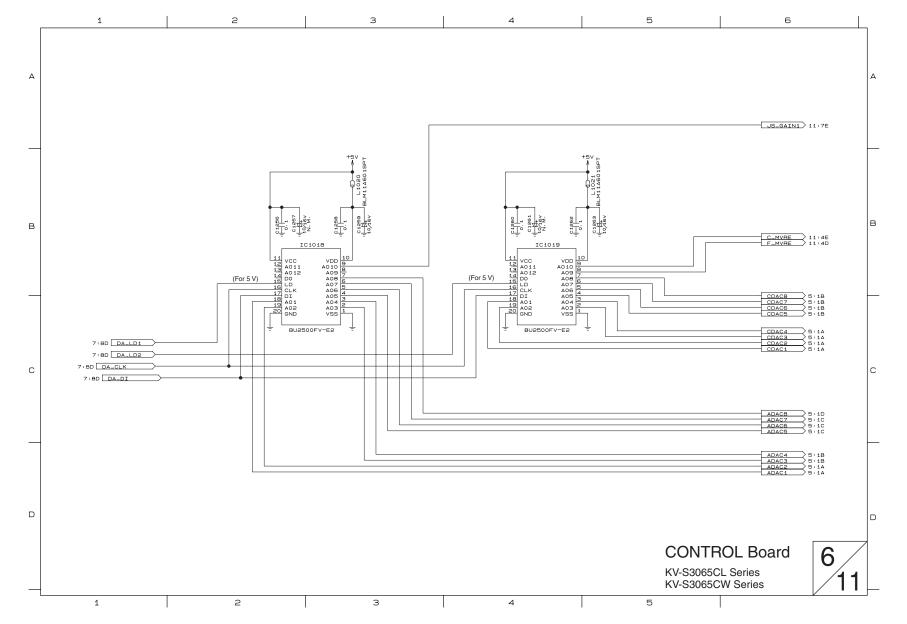


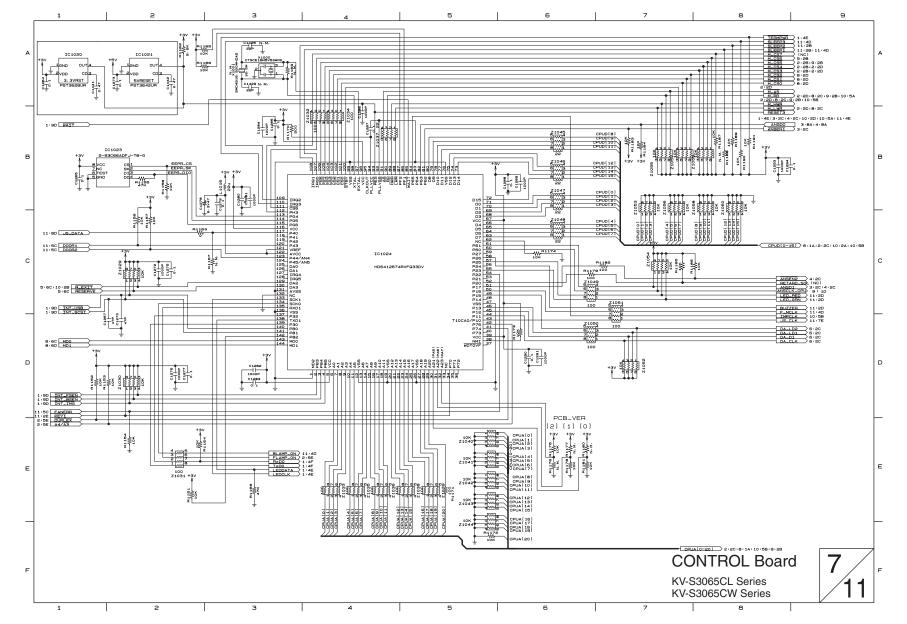


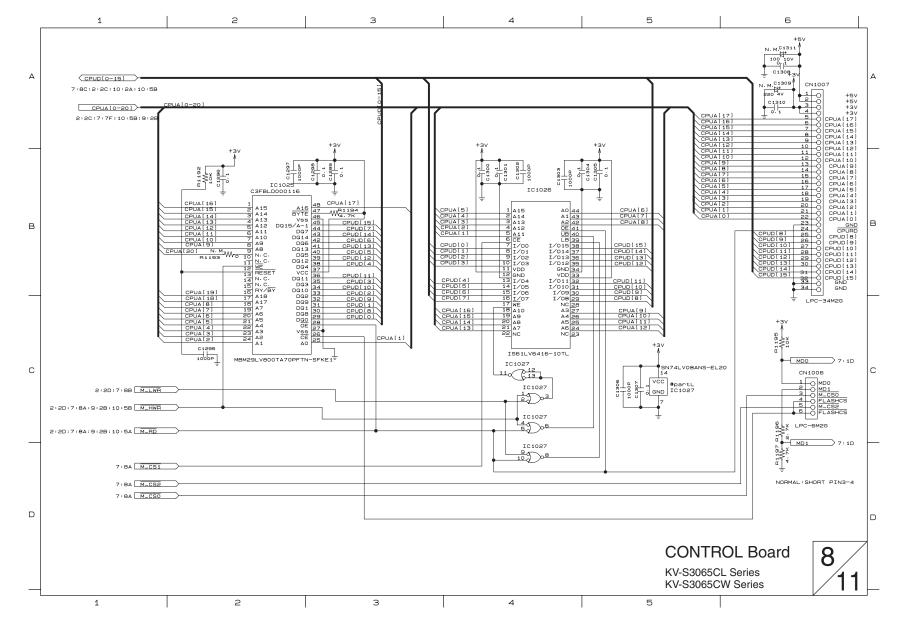


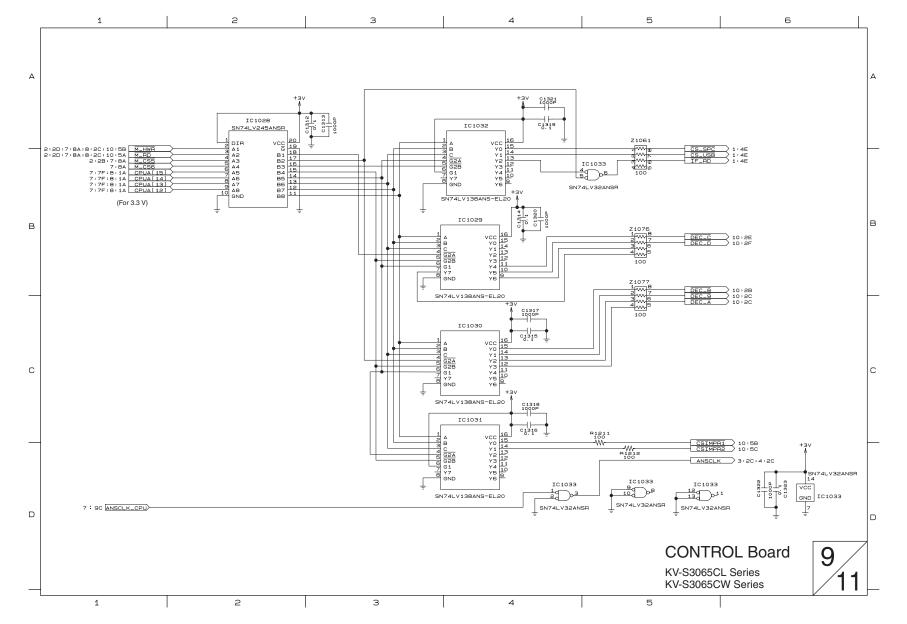


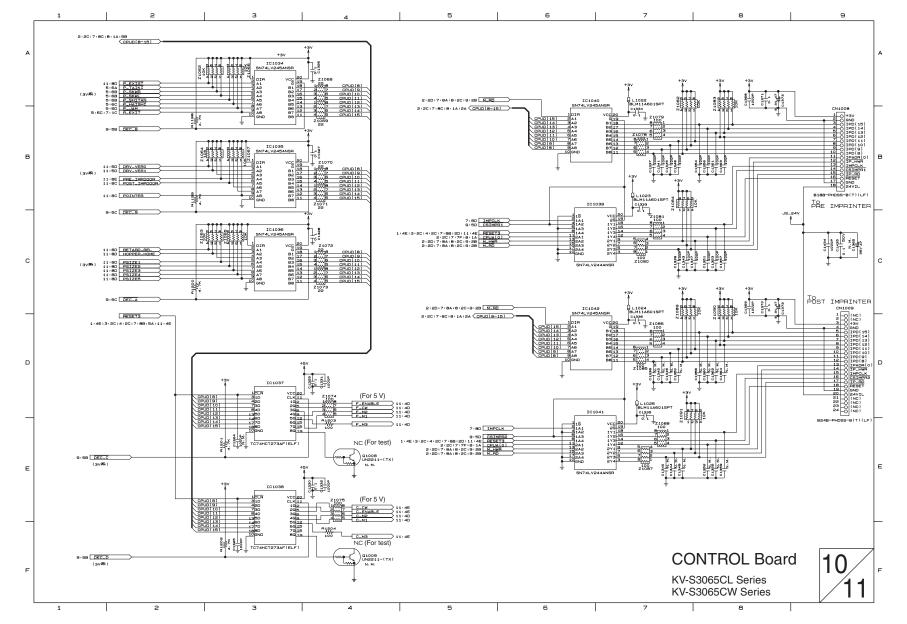


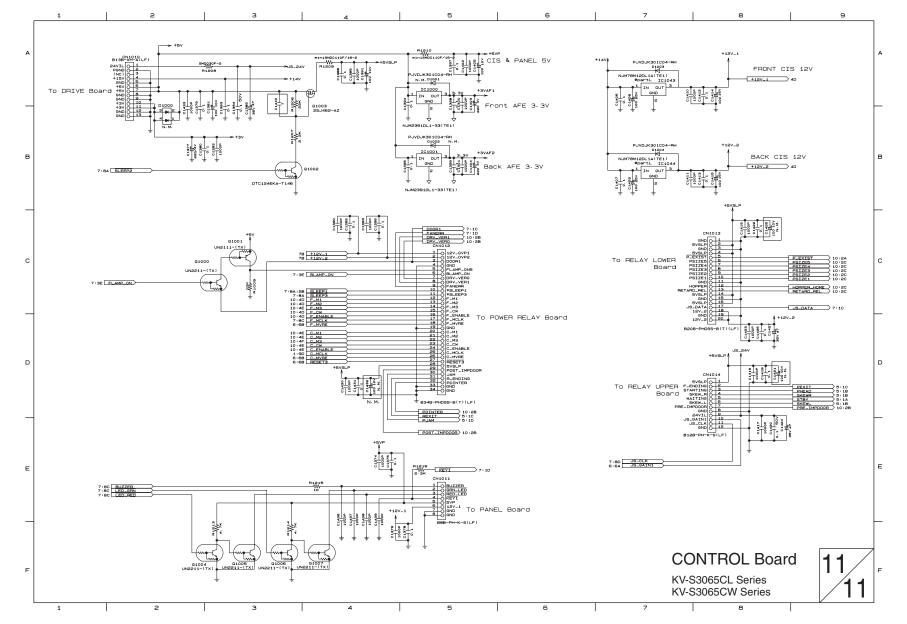


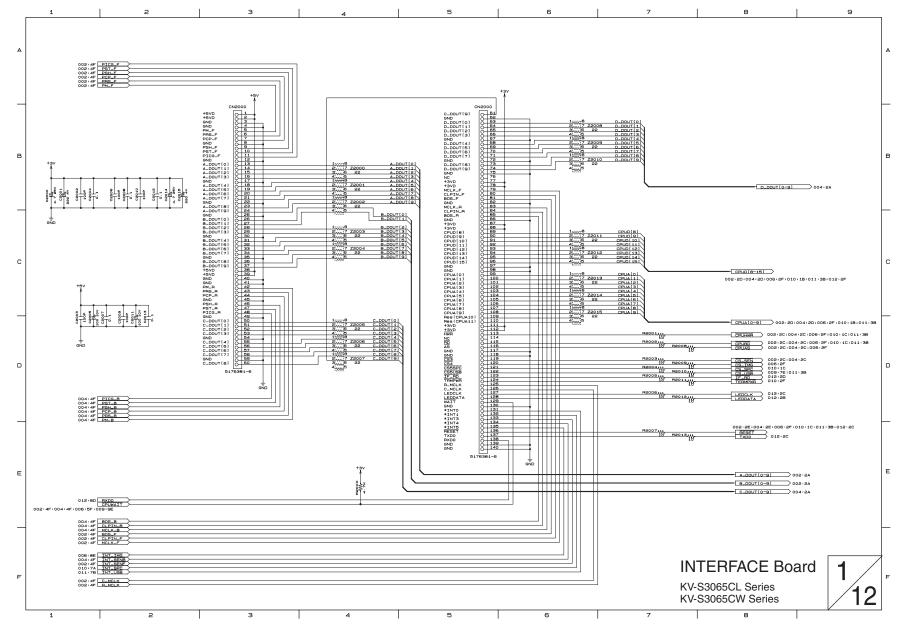


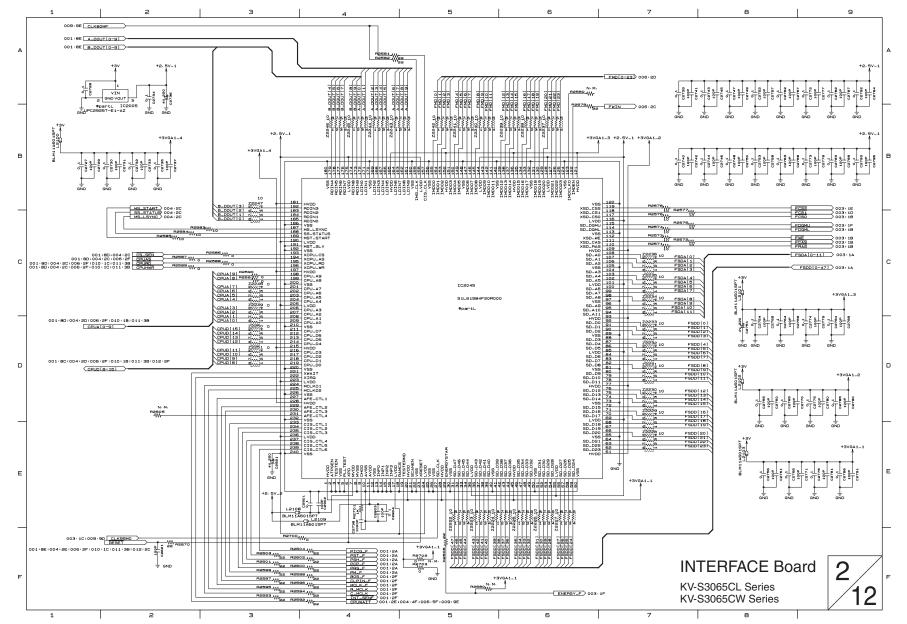


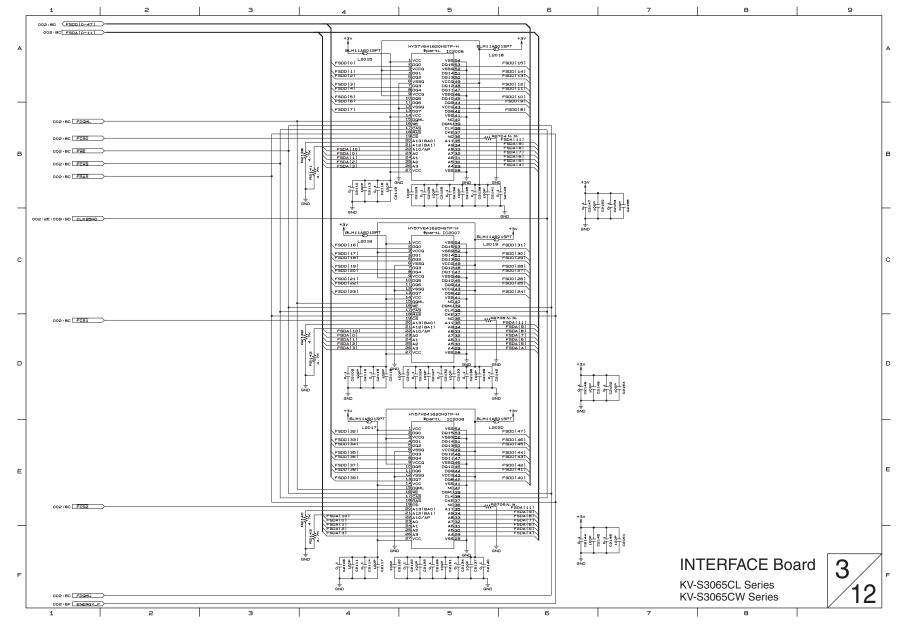


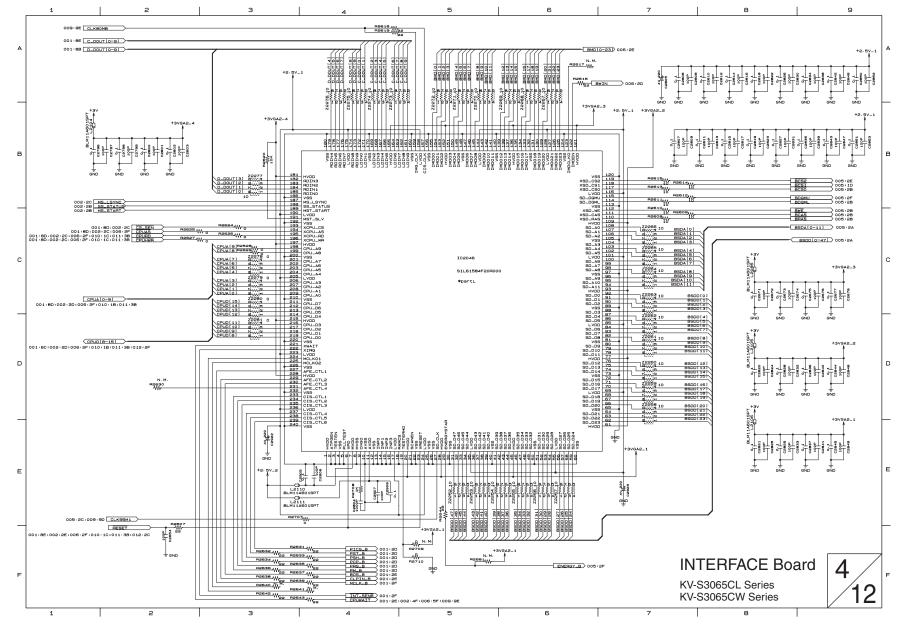


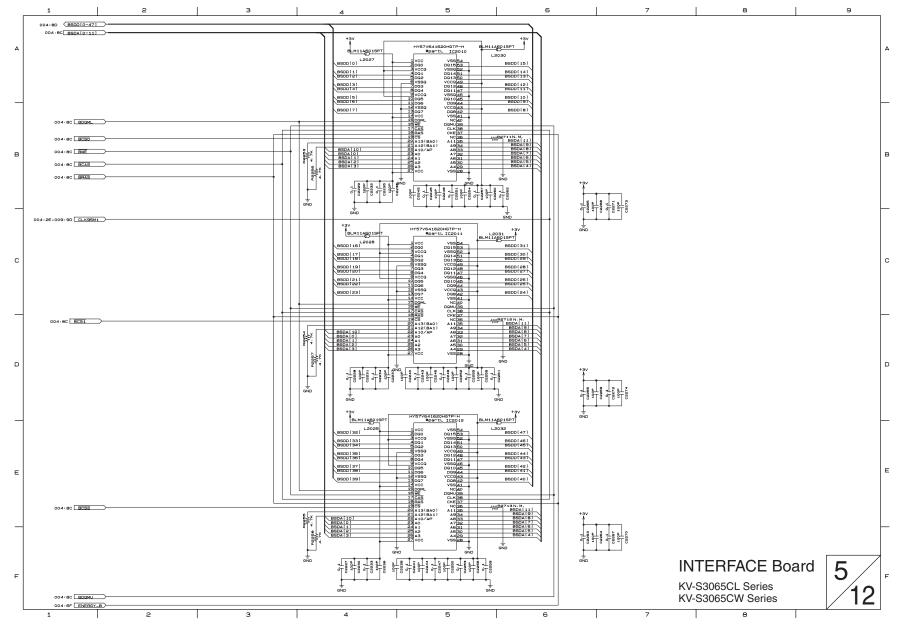


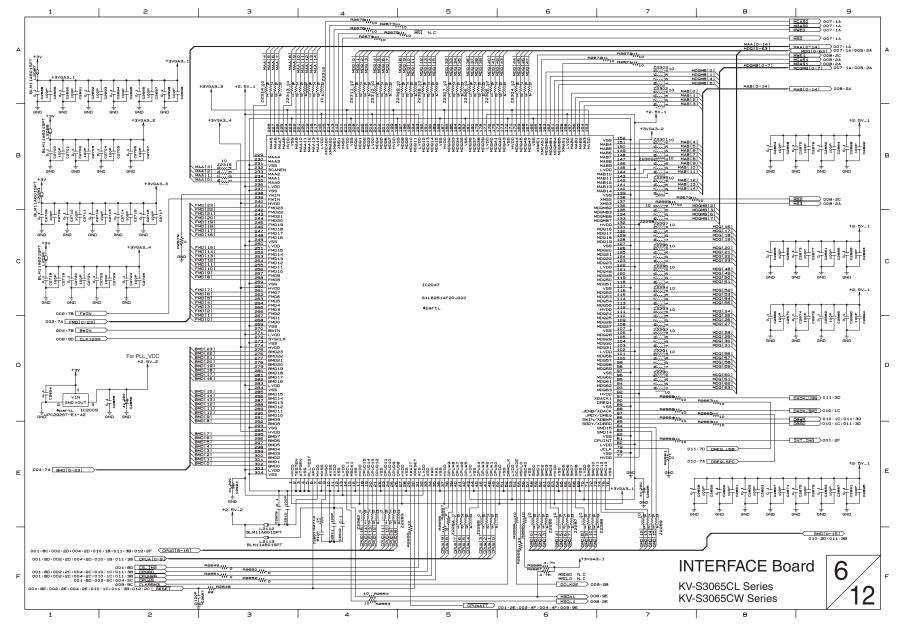


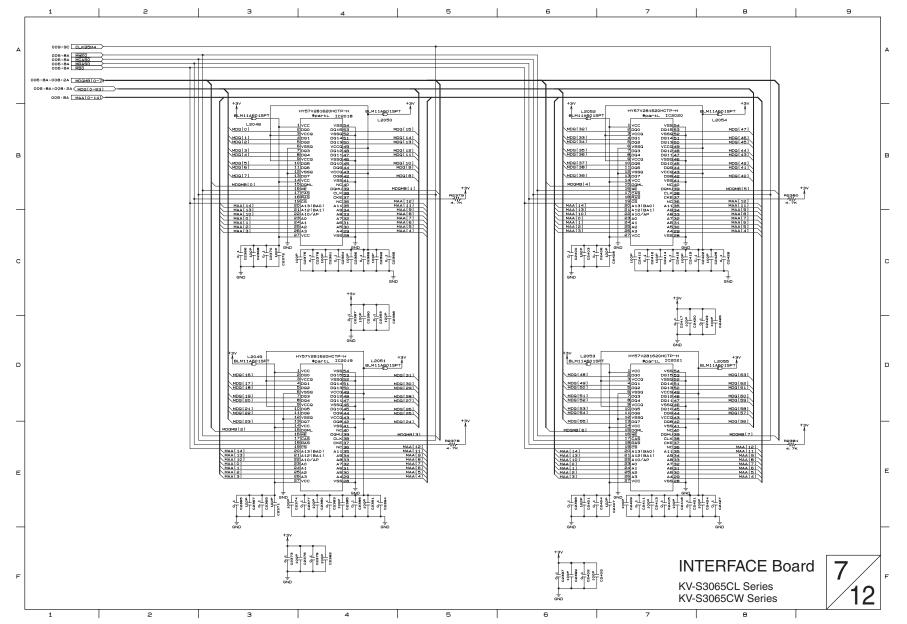


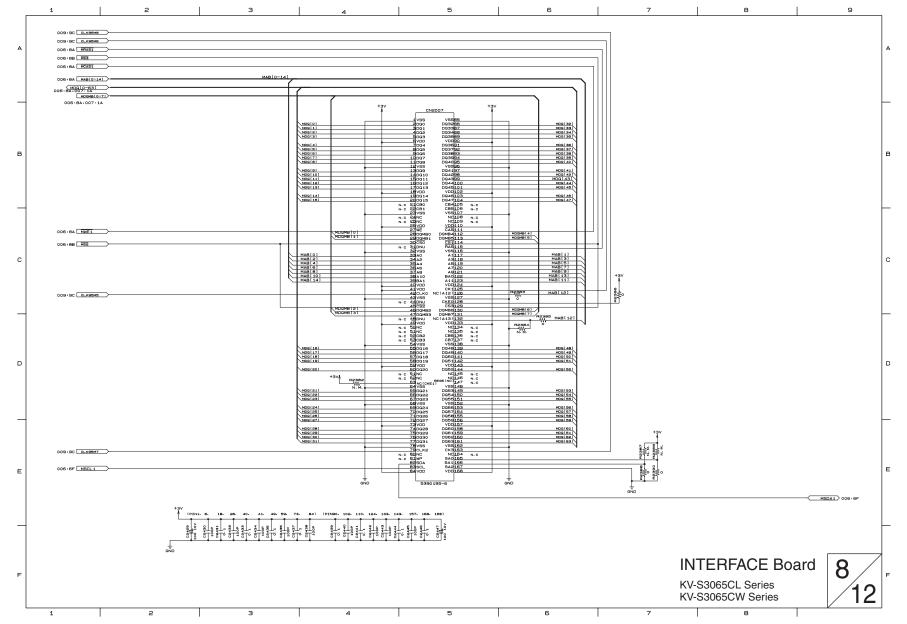


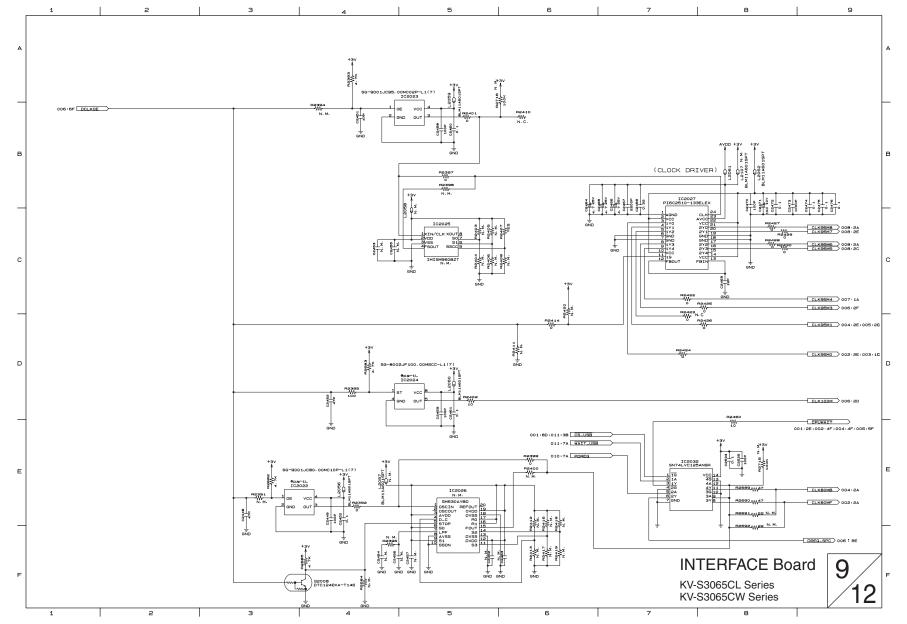


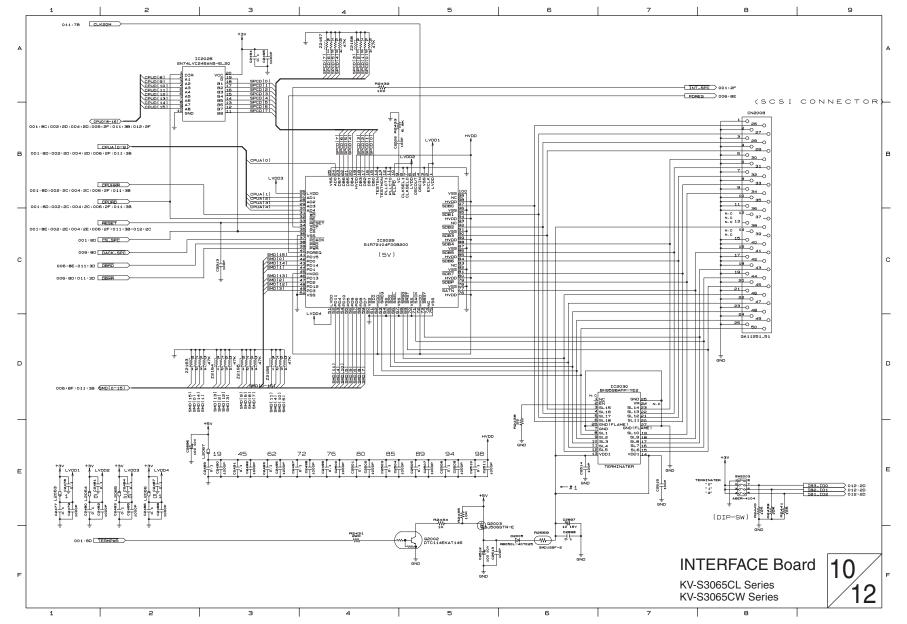


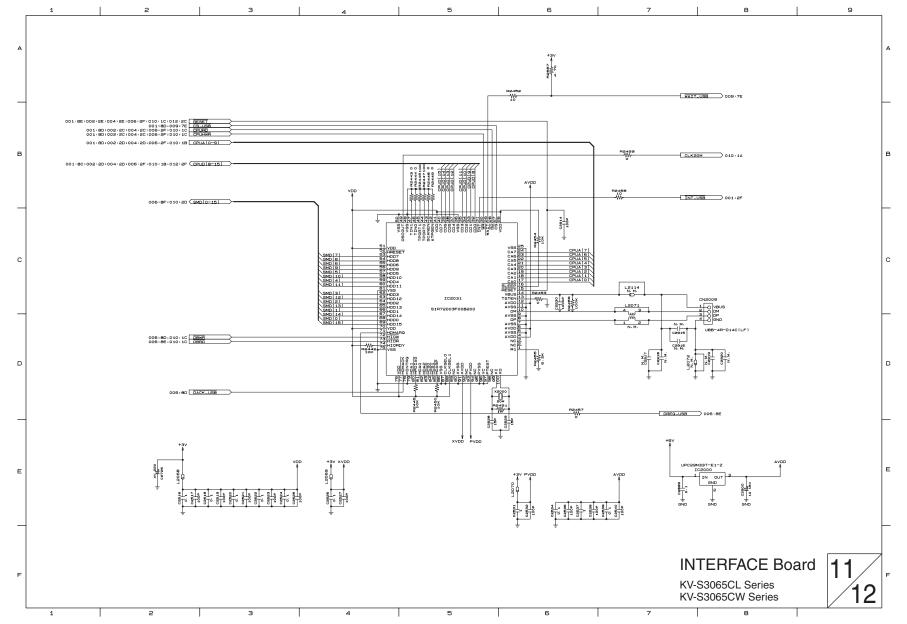


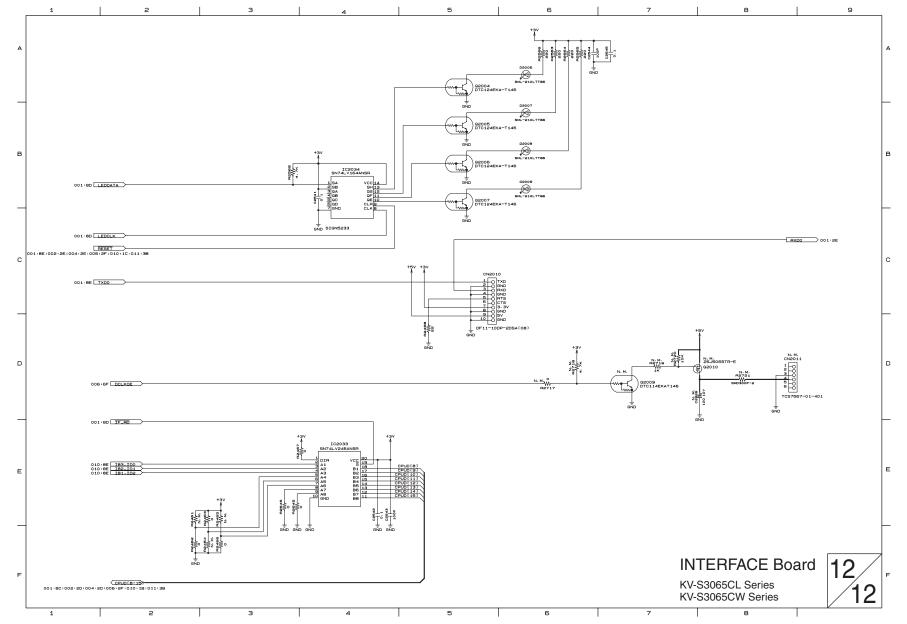


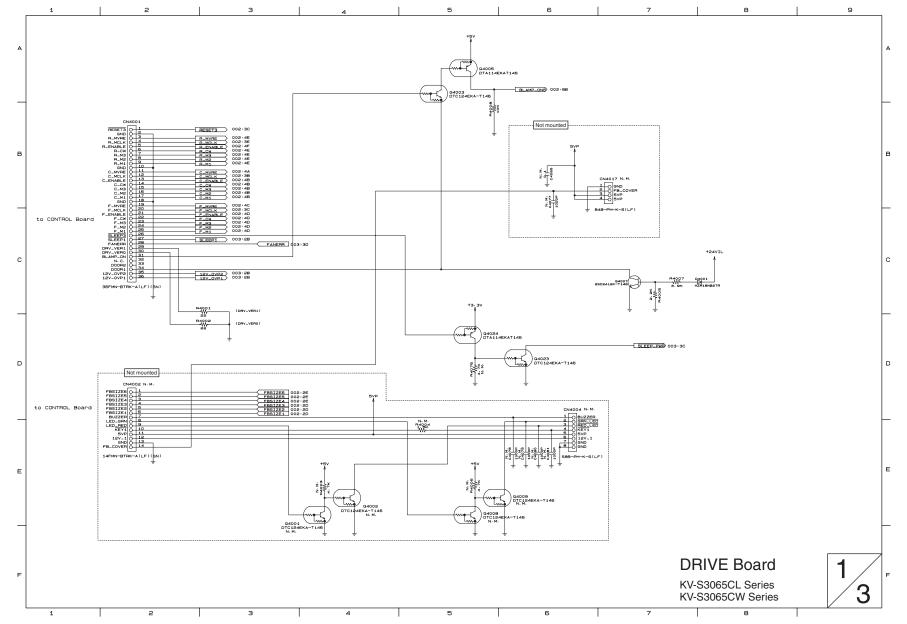


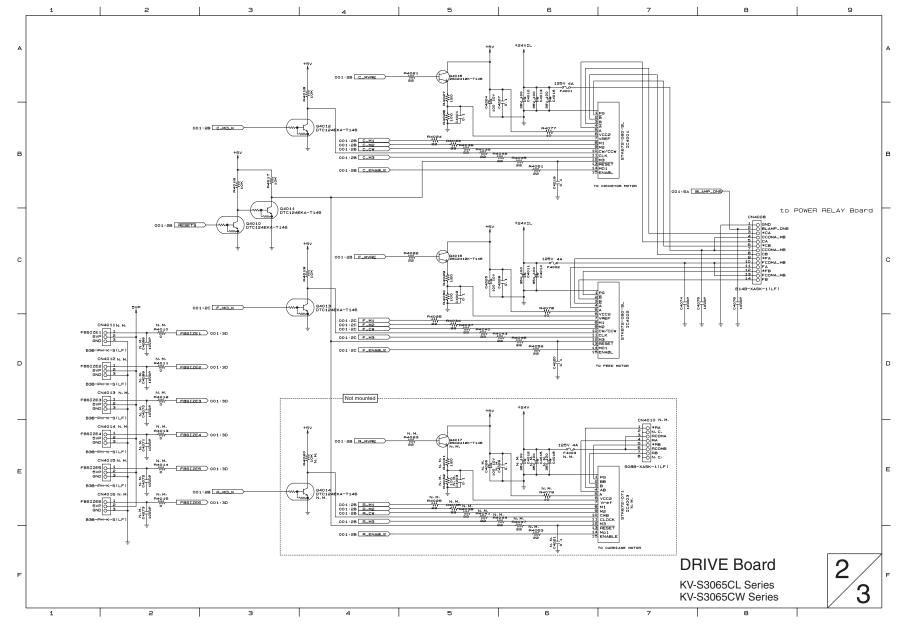


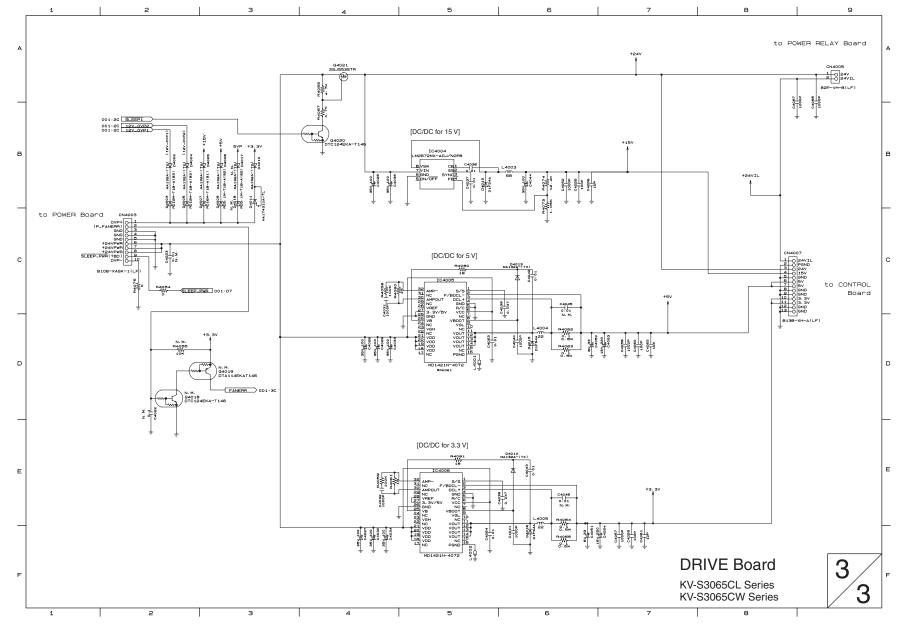


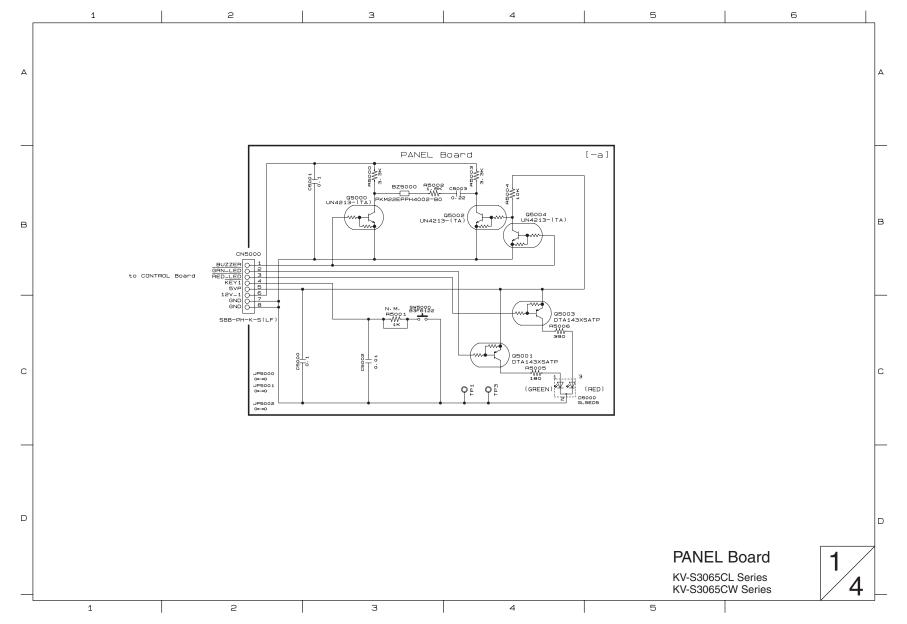


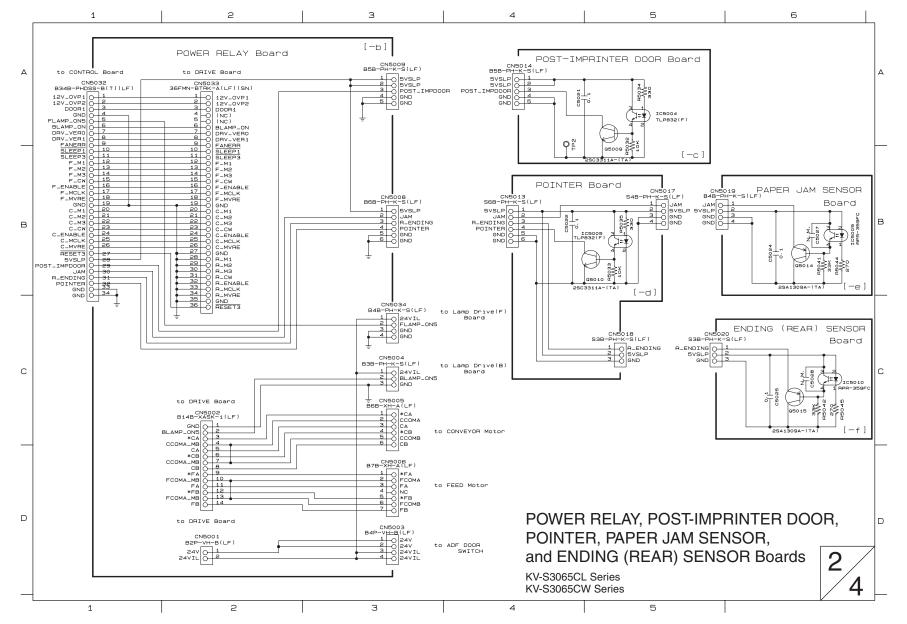


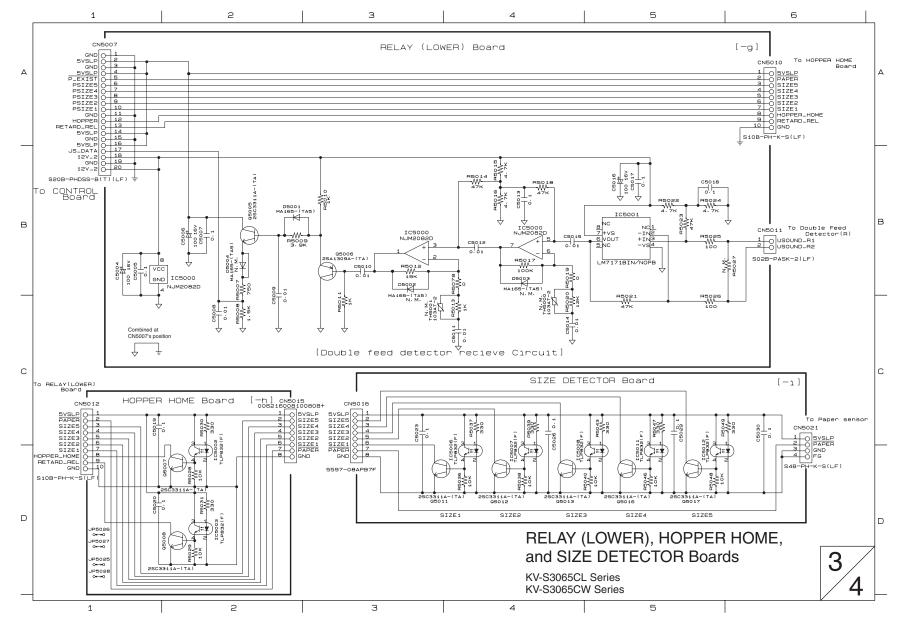


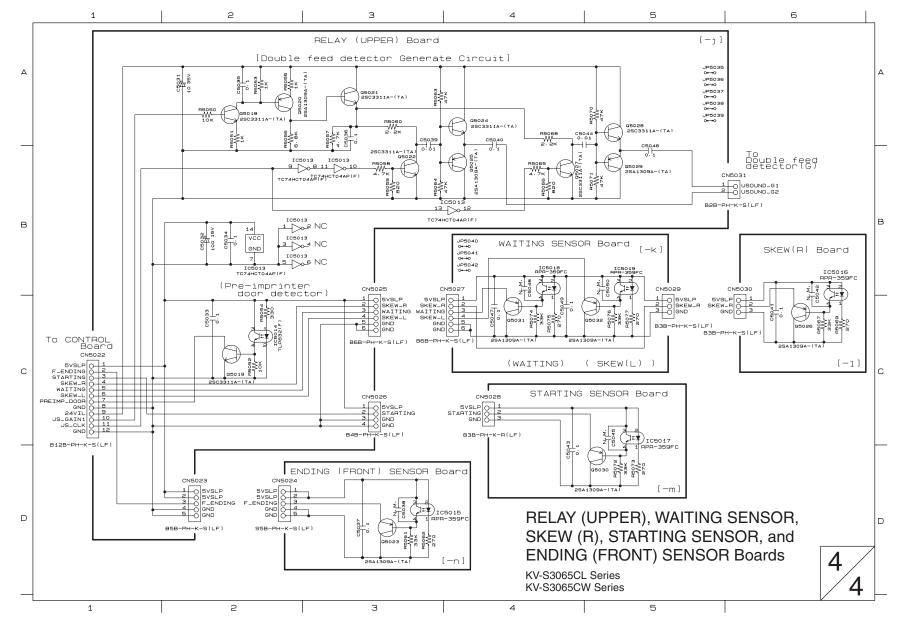


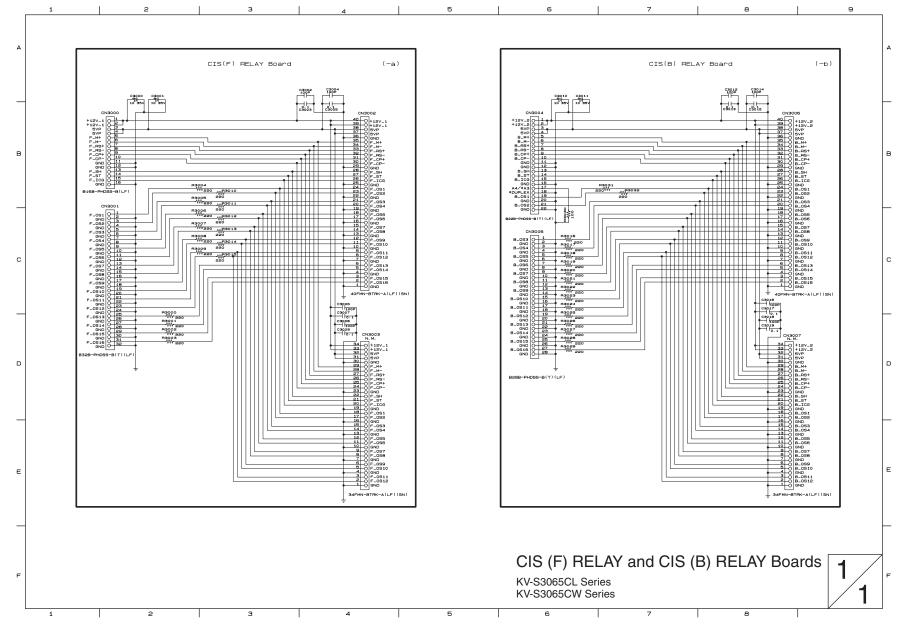












CN1000 [CONT	ROL Board] -	CN2000 [INTERFACE E	Board]
Pin	No.	Signal Name	Description
CN1000	CN2000		
1	1	+5VD	+5 V
2	2	+5VD	+5 V
3	3	GND	Ground
4	4	GND	Ground
5	5	PM_F	Front CIS clock (5 MHz)
6	6	PRS_F	Front CIS reset pulse
7	7	PCP_F	Front CIS clamp pulse
8	8	GND	Ground
9	9	PSH_F	Front CIS shift pulse
10	10	PST_F	Front CIS storage pulse
11	11	PICG_F	Front CIS ICG pulse
12	12	GND	Ground
13	13	A_DOUT (0)	Front CIS CH1-8 digital data [0]
14	14	A_DOUT (1)	Front CIS CH1-8 digital data [1]
15	15	A_DOUT (2)	Front CIS CH1-8 digital data [2]
16	16	A_DOUT (3)	Front CIS CH1-8 digital data [3]
17	17	GND	Ground
18	18	A_DOUT (4)	Front CIS CH1-8 digital data [4]
19	19	A_DOUT (5)	Front CIS CH1-8 digital data [5]
20	20	A_DOUT (6)	Front CIS CH1-8 digital data [6]
21	21	A_DOUT (7)	Front CIS CH1-8 digital data [7]
22	22	GND	Ground
23	23	A_DOUT (8)	Front CIS CH1-8 digital data [8]
24	24	A_DOUT (9)	Front CIS CH1-8 digital data [9]
25	25	GND	Ground
26	26	B_DOUT (0)	Front CIS CH9-16 digital data [0]
27	27	B_DOUT (1)	Front CIS CH9-16 digital data [1]
28	28	B_DOUT (2)	Front CIS CH9-16 digital data [2]
29	29	B_DOUT (3)	Front CIS CH9-16 digital data [3]
30	30	GND	Ground
31	31	B_DOUT (4)	Front CIS CH9-16 digital data [4]
32 33	32	B_DOUT (5)	Front CIS CH9-16 digital data [5]
34	33	B_DOUT (6) B_DOUT (7)	Front CIS CH9-16 digital data [6] Front CIS CH9-16 digital data [7]
35	35	GND	Ground
36	36	B_DOUT (8)	Front CIS CH9-16 digital data [8]
37	37	B_DOUT (9)	Front CIS CH9-16 digital data [9]
38	38	+5VD	+5 V
39	39	+5VD	+5 V
40	40	GND	Ground
41	41	GND	Ground
42	42	PM_R	Back CIS clock (5 MHz)
43	43	PRS_R	Back CIS reset pulse
44	44	PCP_R	Back CIS clamp pulse
45	45	GND	Ground
46	46	PSH_R	Back CIS shift pulse
47	47	PST_R	Back CIS storage pulse
48	48	PICG_R	Back CIS ICG pulse
49	49	GND	Ground
50	50	C_DOUT (0)	Back CIS CH1-8 digital data [0]
51	51	C_DOUT (1)	Back CIS CH1-8 digital data [1]
52	52	C_DOUT (2)	Back CIS CH1-8 digital data [2]
53	53	C_DOUT (3)	Back CIS CH1-8 digital data [3]
54	54	GND	Ground
55	55	C_DOUT (4)	Back CIS CH1-8 digital data [4]
56	56	C_DOUT (5)	Back CIS CH1-8 digital data [5]
57	57	C_DOUT (6)	Back CIS CH1-8 digital data [6]
58	58	C_DOUT (7)	Back CIS CH1-8 digital data [7]
		1 - ()	· · · · · · · · · · · · · · · · · · ·

Pin	No.	Signal Name	Description
CN1000	CN2000		
59	59	GND	Ground
60	60	C_DOUT (8)	Back CIS CH1-8 digital data [8]
61	61	C_DOUT (9)	Back CIS CH1-8 digital data [9]
62	62	GND	Ground
63	63	D_DOUT (0)	Back CIS CH9-16 digital data [0]
64	64	D_DOUT (1)	Back CIS CH9-16 digital data [1]
65	65	D_DOUT (2)	Back CIS CH9-16 digital data [2]
66	66	D_DOUT (3)	Back CIS CH9-16 digital data [3]
67	67	GND	Ground
68	68	D_DOUT (4) D_DOUT (5)	Back CIS CH9-16 digital data [4] Back CIS CH9-16 digital data [5]
69 70	69 70	D_DOUT (6)	Back CIS CH9-16 digital data [5]
70	70	D_DOUT (7)	Back CIS CH9-16 digital data [7]
72	71	GND	Ground
73	73	D_DOUT (8)	Back CIS CH9-16 digital data [8]
74	74	D_DOUT (9)	Back CIS CH9-16 digital data [9]
75	75	GND	Ground
76	76	N.C.	Not used
77	77	+3VD	+3.3 V
78	78	+3VD	+3.3 V
79	79	MCLK_F	Front ADC master clock (40 MHz)
80	80	CLPIN_F	Front ADC sample/hold clamp pulse
81	81	BOS_F	Front ADC Begining of scan pulse
82	82	GND	Ground
83	83	MCLK_R	Back ADC master clock (40 MHz)
84	84	CLPIN_R	Back ADC sample/hold clamp pulse
85	85	BOS_R	Back ADC Begining of scan pulse
86	86	GND	Ground
87	87	+3VD	+3.3 V
88	88	+3VD	+3.3 V
89	89	CPU D (8)	CPU data [8]
90	90	CPU D (9)	CPU data [9]
91	91	CPU D (10)	CPU data [10]
92	92	CPU D (11)	CPU data [11]
93	93	CPU D (12)	CPU data [12]
94	94	CPU D (13)	CPU data [13]
95	95	CPU D (14)	CPU data [14]
96	96	CPU D (15)	CPU data [15]
97	97	GND	Ground
98	98	GND	Ground
99	99	CPU A (0)	CPU address [0]
100	100	CPU A (1)	CPU address [1]
101	101	CPU A (2)	CPU address [2]
102	102	CPU A (3)	CPU address [3]
103	103	CPU A (4)	CPU address [4]
104	104	CPU A (5)	CPU address [5]
105	105	CPU A (6)	CPU address [6]
106	106	CPU A (7)	CPU address [7]
107	107	CPU A (8)	CPU address [8]
108	108	CPU A (9)	CPU address [9]
109	109	Res (CPU A10)	Reserve (CPU address [10])
110	110	Res (CPU A11)	Reserve (CPU address [11])
111	111	+3VD	+3.3 V
112	112	+3VD	+3.3 V
113	113	*HWR	CPU high byte write strobe
114	114	*LWR	CPU low byte write strobe CPU read strobe
115	115	*RD	
116	116	*AS	CPU address strobe

Pin	No.	Signal Name	Description
CN1000	CN2000	1	
117	117	GND	Ground
118	118	GND	Ground
119	119	*CS3	CPU area 3 chip select
120	120	*CS4	CPU area 4 chip select
121	121	*CS5SPC	SCSI chip select
122	122	*CSUSB	USB chip select
123	123	*IF _RD	INTERFACE Board version & SCSI-ID read
124	124	*TRMPWR	SCSI terminator power switch
125	125	R_MCLK	Carriage motor clock
126	126	C_MCLK	Conveyor motor clock
127	127	LED CLK	LED data control clock
128	128	LED DATA	LED data
129	129	*WAIT	CPU wait signal
130	130	GND	Ground
131	131	*INTO	CPU interrupt 0 (USB)
132	132	*INT1	CPU interrupt 1 (USB)
133	133	*INT3	CPU interrupt 3 (Front GA-SENSOR)
134	134	*INT4	CPU interrupt 4 (Back GA-SENSOR)
135	135	*INT5	CPU interrupt 5 (GA-IMAGE)
136	136	*RESET	System reset
137	137	TXD0	Serial interface TXD 0
138	138	RXD0	Serial interface RXD 0
139	139	GND	Ground
140	140	GND	Ground

CN1002 [CONTROL Board] - CN3000 [CIS (F) RELAY Board] Pin No. Signal Name Description CN1002 CN3000 +12 V +12 V 1 1 2 2 +12 V +12 V 3 +5 V 3 +5 V 4 4 +5 V +5 V Front CIS clock LVDS (+) (5 MHz) 5 5 M+ 6 6 M-Front CIS clock LVDS (-) (5 MHz) 7 7 RS+ Front CIS reset pulse LVDS (+) RS-8 8 Front CIS reset pulse LVDS (-) 9 CP+ 9 Front CIS clamp pulse LVDS (+) 10 CP-10 Front CIS clamp pulse LVDS (-) 11 11 **GND** Ground 12 12 **GND** Ground SH Front CIS shift pulse 13 13 14 14 ST Front CIS storage pulse ICG 15 15 Front CIS ICG pulse GND 16 16 Ground CN1003 [CONTROL Board] - CN3001 [CIS (F) RELAY Board] Pin No. Signal Name Description CN1003 CN3001 1 1 OS1 Front CIS CH1 output 2 2 GND Ground 3 3 OS₂ Front CIS CH2 output 4 **GND** 4 Ground 5 OS3 5 Front CIS CH3 output 6 6 **GND** Ground 7 7 OS₄ Front CIS CH4 output 8 8 **GND** Ground 9 9 OS5 Front CIS CH5 output 10 10 **GND** Ground 11 11 OS6 Front CIS CH6 output 12 12 **GND** Ground 13 13 OS7 Front CIS CH7 output 14 14 **GND** Ground 15 15 OS8 Front CIS CH8 output GND 16 16 Ground 17 17 OS9 Front CIS CH9 output

Ground

Ground

Ground

Ground

Ground

Ground

Ground

Ground

Front CIS CH10 output

Front CIS CH11 output

Front CIS CH12 output

Front CIS CH13 output

Front CIS CH14 output

Front CIS CH15 output

Front CIS CH16 output

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OS10

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OS11

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OS12

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OS13

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OS14

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OS15

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OS16

GND

CN1004 [CONTROL Board] - CN3004 [CIS (B) RELAY Board] Pin No. Signal Name Description CN1004 CN3004 +12 V +12 V 2 2 +12 V +12 V 3 3 +5 V +5 V 4 4 +5 V +5 V Back CIS clock LVDS (+) (5 MHz) 5 5 M+ Back CIS clock LVDS (-) (5 MHz) 6 6 M-7 7 RS+ Back CIS reset pulse LVDS (+) RS-8 8 Back CIS reset pulse LVDS (-) CP+ 9 9 Back CIS clamp pulse LVDS (+) CP-10 10 Back CIS clamp pulse LVDS (-) 11 11 **GND** Ground 12 12 **GND** Ground 13 13 SH Back CIS shift pulse 14 14 ST Back CIS storage pulse ICG 15 15 Back CIS ICG pulse 16 16 **GND** Ground 17 17 A4/*A3 A4 or A3 CIS detect

Duplex equipment detect

Back CIS CH1 output

Back CIS CH2 output

Back CIS CH3 output

Back CIS CH4 output

Back CIS CH5 output

Back CIS CH6 output

Back CIS CH7 output

Back CIS CH8 output

Back CIS CH9 output

Back CIS CH10 output

Back CIS CH11 output

Back CIS CH12 output

Back CIS CH13 output

Back CIS CH14 output

Back CIS CH15 output

Back CIS CH16 output

Description

Ground

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CN1005

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CN3005

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Pin No.

*DUPLEX

Signal Name

OS1

GND

OS2

GND

OS3

GND

OS4

GND

OS₅

GND

OS₆

GND

OS7

GND

OS8

GND

OS9

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OS10

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OS11

GND

OS12

GND

OS13

GND

OS14

GND

OS15

GND

OS16

GND

CN1005 [CONTROL Board] - CN3005 [CIS (B) RELAY Board]

CN1008 [CONTROL Board] - [Pre-imprinter (Option)] Pin No. Signal Name Description CN1008 Pre-imprinter (Option) 1 1 +3 V +3.3 V GND 2 2 Ground 3 3 IPD (15) CPU data for pre imprinter [15] 4 4 IPD (14) CPU data for pre_imprinter [14] 5 5 CPU data for pre imprinter [13] IPD (13) 6 6 IPD (12) CPU data for pre_imprinter [12] 7 7 IPD (11) CPU data for pre imprinter [11] 8 8 IPD (10) CPU data for pre_imprinter [10] 9 9 IPD (9) CPU data for pre imprinter [9] 10 10 IPD (8) CPU data for pre_imprinter [8] 11 11 CPU address for pre imprinter [0] IPADR (0) 12 12 *IP HWR CPU write signal for pre_imprinter 13 13 **IMPCLK** Pre imprinter clock 14 14 *CSIMPR1 Pre imprnter chip select 15 15 *IP RD CPU read signal for pre imprinter 16 16 *RESET System reset 17 17 GND Ground 18 18 24VIL +24 V (Interlock switch) CN1009 [CONTROL Board] - [Post-imprinter (Option)] Pin No. Signal Name Description CN1009 Post-imprinter (Option) N.C. 1 1 Not used 2 2 N.C. Not used 3 3 +3 V +3.3 V 4 4 **GND** Ground 5 5 IPD (15) CPU data for post_imprinter [15] 6 6 IPD (14) CPU data for post_imprinter [14] 7 7 IPD (13) CPU data for post imprinter [13] 8 8 IPD (12) CPU data for post_imprinter [12] 9 9 CPU data for post imprinter [11] IPD (11) 10 10 IPD (10) CPU data for post_imprinter [10] 11 11 IPD (9) CPU data for post imprinter [9] 12 12 IPD (8) CPU data for post_imprinter [8] 13 13 CPU address for post_imprinter [0] IPADR (0) 14 14 *IP_HWR CPU write signal for post_imprinter 15 15 **IMPCLK** Post imprinter clock 16 16 *CSIMPR1 Post_imprnter chip select 17 *IP_RD 17 CPU read signal for post_imprinter 18 18 *RESET System reset 19 19 GND Ground 24VIL 20 20 +24 V (Interlock switch) N.C. 21 21 Not used 22 N.C. 22 Not used 23 23 N.C. Not used

Not used

24

24

N.C.

CN1010 [CONTROL Board] - CN4007 [DRIVE Board]

8

8

GND

CIVIO IO [COIVI	CNTOTO [CONTINOE BOARD] - CN+007 [BITTVE BOARD]				
Pin	No.	Signal Name	Description		
CN1010	CN4007				
1	1	24VIL	+24 V (interlock switch)		
2	2	PGND	Ground		
3	3	N.C.	Not used		
4	4	+15 V	+15.5 V		
5	5	GND	Ground		
6	6	+5 V	+5 V		
7	7	+5 V	+5 V		
8	8	GND	Ground		
9	9	GND	Ground		
10	10	+3 V	+3.3 V		
11	11	+3 V	+3.3 V		
12	12	GND	Ground		
13	13	GND	Ground		
CN1011 [CONT	ROL Board] -	CN5000 [PANEL Board]			
Pin	No.	Signal Name	Description		
CN1011	CN5000	T			
1	1	BUZZER	Not used		
2	2	*GRN_LED	LED (Green) enable: (L: LED lighting)		
3	3	*RED_LED	LED (Red) enable: (L: LED lighting)		
4	4	*KEY1	Key input		
5	5	5VP	+5 V		
6	6	12V_1	+12 V		
7	7	GND	Ground		

Ground

CN1012 [CONTROL Board] - CN5032 [POWER RELAY Board]

	No.	Signal Name	Description
CN1012	CN5032		
1	1	12V_OVP1	+12 V
2	2	12V_OVP2	+12 V
3	3	DOOR1	Front door switch (H: Door open)
4	4	GND	Ground
5	5	FLAMP_ON5	Front lamp switch
6	6	BLAMP_ON	Back lamp switch
7	7	DRV_VER0	DRIVE Board version [0]
8	8	DRV_VER1	DRIVE Board version [1]
9	9	FANERR	Fan error
10	10	*SLEEP1	Sleep signal 1
11	11	*SLEEP3	Sleep signal 2
12	12	F_M1	Feed motor mode [1]
13	13	F_M2	Feed motor mode [2]
14	14	F_M3	Feed motor mode [3]
15	15	F_CW	Feed motor CW/CCW
16	16	F_ENABLE	Feed motor enable
17	17	F_MCLK	Feed motor clock
18	18	F_MVRE	Feed motor current control
19	19	GND	Ground
20	20	C_M1	Conveyor motor mode [1]
21	21	C_M2	Conveyor motor mode [2]
22	22	C_M3	Conveyor motor mode [3]
23	23	C_CW	Conveyor motor CW/CCW
24	24	C_ENABLE	Conveyor motor enable
25	25	C_MCLK	Conveyor motor clock
26	26	C_MVRE	Conveyor motor current control
27	27	*RESET3	Reset
28	28	5VSLP	+5 V
29	29	POST_IMPDOOR	Post_imprinter door
30	30	JAM	JAM sensor
31	31	R_ENDING	Ending (Rear) sensor
32	32	POINTER	Pointer sensor
33	33	GND	Ground
34	34	GND	Ground

CN1013 [CONTROL Board] - CN5007 [RELAY (LOWER) Board] Signal Name Pin No. Description CN1013 CN5007 GND Ground 2 2 5VSLP +5 V 3 3 GND Ground 4 4 5VSLP +5 V 5 5 *P EXIST Paper sensor PSIZE5 6 6 Size detector 5 7 PSIZE4 Size detector 4 PSIZE3 8 8 Size detector 3 9 9 PSIZE2 Size detector 2 10 10 PSIZE1 Size detector 1 11 11 GND Ground 12 12 HOPPER Hopper detector 13 13 RETARD_REL Retard release 14 14 5VSLP +5 V 15 15 GND Ground 16 16 5VSLP +5 V 17 17 JS DATA Double feed detector (R) 18 18 12V 2 +12 V GND Craund 19 10

24VIL

GND

JS GAIN1

JS_CLK

9

10

11

12

9

10

11

12

19	19	GND	Ground					
20	20	12V_2	+12 V					
		-						
CN1014 [CONT	CN1014 [CONTROL Board] - CN5022 [RELAY (UPPER) Board]							
Pin	No.	Signal Name	Description					
CN1014	CN5022	1						

CN1014 [CONTROL Board] - CN5022 [RELAY (UPPER) Board]					
Pin No.		Signal Name	Description		
CN1014	CN5022				
1	1	5VSLP	+5 V		

CN1014 [CONTROL Board] - CN3022 [RELAY (OPPER) Board]						
Pin	No.	Signal Name	Description			
CN1014	CN5022					
1	1	5VSLP	+5 V			
2	2	F ENDING	Ending (FRONT) sensor			

PIII NO.		Signal Name	Description
CN1014	CN5022		
1	1	5VSLP	+5 V
2	2	F_ENDING	Ending (FRONT) sensor
3	3	STARTING	STARTING sensor

3	3	STARTING	STARTING sensor
4	4	SKEW_R	Skew (R) sensor
5	5	WAITING	Waiting sensor
6	6	SKFW I	Skew (L) sensor

3	5	WAITING	Walting Sensor
6	6	SKEW_L	Skew (L) sensor
7	7	PRE_IMPDOOR	Pre_imprinter door detector
8	8	GND	Ground

+24 V (interlock switch)

Ground

Double feed detector generate gain

Double feed detector generate clock

Pin No.	CN2007 [INTERFACE Board]:	DIMM	
2	Pin No.		Description
Section	1	VSS	Ground
4	2		
5			
6 VDD			
Total	-		
8			
9 DO6 SDRAM data [6] 10 DO7 SDRAM data [7] 11 DQ8 SDRAM data [7] 11 DQ8 SDRAM data [8] 12 VSS Ground 13 DQ9 SDRAM data [8] 14 DQ10 SDRAM data [9] 15 DQ11 SDRAM data [10] 16 DQ11 SDRAM data [11] 16 DQ12 SDRAM data [11] 17 DQ13 SDRAM data [12] 17 DQ13 SDRAM data [13] 18 VDD +3.3 V 19 DQ14 SDRAM data [13] 19 DQ14 SDRAM data [13] 20 DQ15 SDRAM data [15] 21 CB0 (N.C.) Not used 22 CB1 (N.C.) Not used 23 VSS Ground 24 N.C. Not used 25 N.C. Not used 26 N.C. Not used 27 "WE DIMM write enable 28 DQMB0 Byte data mask 0 29 DQMB1 Byte data mask 1 30 CS0 Chip select 0 31 DNU (N.C.) Not used 32 VSS Ground 33 A0 SDRAM address [0] 34 A2 SDRAM address [2] 35 A4 SDRAM address [2] 36 A4 SDRAM address [1] 37 A8 SDRAM address [1] 38 A10 SDRAM address [1] 39 BA1 Bark select address [1] 40 VDD +3.3 V			
10		1	
11			
12		-	
13			
14			
15	<u> </u>		
16	├		
17			
18			
19			
20		I .	
CB0 (N.C.)			
22	21		
24	22		Not used
25 N.C. Not used 26 VDD +3.3 V 27 *WE DIMM write enable 28 DQMB0 Byte data mask 0 29 DQMB1 Byte data mask 1 30 *CSO Chip select 0 31 DNU (N.C.) Not used 32 VSS Ground 33 A0 SDRAM address [0] 34 A2 SDRAM address [2] 35 A4 SDRAM address [6] 36 A6 SDRAM address [8] 37 A8 SDRAM address [8] 38 A10 SDRAM address [8] 39 BA1 Bank select address 10 39 BA1 Bank select address 11 40 VDD +3.3 V 41 VDD +3.3 V 42 CLK0 Clock input 0 43 VSS Ground 44 DNU (N.C.) Not used 45 *CS2 Chip select 2 46 DQMB2 Byte data mask 2 47 DQMB3 Byte data mask 2 58 Not used 49 VDD +3.3 V 50 Not used 51 N.C. Not used 52 CB2 Not used 53 CB3 Not used 55 CB3 Not used	23	VSS	Ground
26	24	N.C.	Not used
27	25	N.C.	Not used
DOMBO Byte data mask 0	26		
DOMB1	27	*WE	DIMM write enable
30 CS0			Byte data mask 0
31			
32			·
33			
34			
35	L		
36 A6 SDRAM address [6] 37 A8 SDRAM address [8] 38 A10 SDRAM address [10] 39 BA1 Bank select address 1 40 VDD +3.3 V 41 VDD +3.3 V 42 CLK0 Clock input 0 43 VSS Ground 44 DNU (N.C.) Not used 45 *CS2 Chip select 2 46 DQMB2 Byte data mask 2 47 DQMB3 Byte data mask 3 48 DNU (N.C.) Not used 49 VDD +3.3 V 50 N.C. Not used 51 N.C. Not used 52 CB2 Not used 53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]			
37			
SDRAM address [10]			
BA1 Bank select address 1			
40			
41 VDD +3.3 V 42 CLK0 Clock input 0 43 VSS Ground 44 DNU (N.C.) Not used 45 *CS2 Chip select 2 46 DQMB2 Byte data mask 2 47 DQMB3 Byte data mask 3 48 DNU (N.C.) Not used 49 VDD +3.3 V 50 N.C. Not used 51 N.C. Not used 52 CB2 Not used 53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]			
42 CLK0 Clock input 0 43 VSS Ground 44 DNU (N.C.) Not used 45 *CS2 Chip select 2 46 DQMB2 Byte data mask 2 47 DQMB3 Byte data mask 3 48 DNU (N.C.) Not used 49 VDD +3.3 V 50 N.C. Not used 51 N.C. Not used 52 CB2 Not used 53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]			
43 VSS Ground 44 DNU (N.C.) Not used 45 *CS2 Chip select 2 46 DQMB2 Byte data mask 2 47 DQMB3 Byte data mask 3 48 DNU (N.C.) Not used 49 VDD +3.3 V 50 N.C. Not used 51 N.C. Not used 52 CB2 Not used 53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]			
44 DNU (N.C.) Not used 45 *CS2 Chip select 2 46 DQMB2 Byte data mask 2 47 DQMB3 Byte data mask 3 48 DNU (N.C.) Not used 49 VDD +3.3 V 50 N.C. Not used 51 N.C. Not used 52 CB2 Not used 53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]			
45 *CS2 Chip select 2 46 DQMB2 Byte data mask 2 47 DQMB3 Byte data mask 3 48 DNU (N.C.) Not used 49 VDD +3.3 V 50 N.C. Not used 51 N.C. Not used 52 CB2 Not used 53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]			
46 DQMB2 Byte data mask 2 47 DQMB3 Byte data mask 3 48 DNU (N.C.) Not used 49 VDD +3.3 V 50 N.C. Not used 51 N.C. Not used 52 CB2 Not used 53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]			
47 DQMB3 Byte data mask 3 48 DNU (N.C.) Not used 49 VDD +3.3 V 50 N.C. Not used 51 N.C. Not used 52 CB2 Not used 53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]	—		·
48 DNU (N.C.) Not used 49 VDD +3.3 V 50 N.C. Not used 51 N.C. Not used 52 CB2 Not used 53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]			
49 VDD +3.3 V 50 N.C. Not used 51 N.C. Not used 52 CB2 Not used 53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]	<u> </u>		
50 N.C. Not used 51 N.C. Not used 52 CB2 Not used 53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]			
51 N.C. Not used 52 CB2 Not used 53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]	50		
52 CB2 Not used 53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]			
53 CB3 Not used 54 VSS Ground 55 DQ16 SDRAM data [16]	4		Not used
55 DQ16 SDRAM data [16]			Not used
56 DQ17 SDRAM data [17]			SDRAM data [16]
	56	DQ17	SDRAM data [17]

Pin No.	Signal Name	Description
57	DQ18	SDRAM data [18]
58	DQ19	SDRAM data [19]
59	VDD	+3.3 V
60	DQ20	SDRAM data [20]
61	N.C.	Not used
62	N.C.	Not used
63	CKE1	Clock enable
64	vss	Ground
65	DQ21	SDRAM data [21]
66	DQ22	SDRAM data [22]
67	DQ23	SDRAM data [23]
68	VSS	Ground
69	DQ24	SDRAM data [24]
70	DQ25	SDRAM data [25]
71	DQ26	SDRAM data [26]
72	DQ27	SDRAM data [27]
73	VDD	+3.3 V
74	DQ28	SDRAM data [28]
75	DQ29	SDRAM data [29]
76	DQ30	SDRAM data [30]
77	DQ31	SDRAM data [30]
78	VSS	Ground
79	CLK2	
		Clock input 2
80	N.C.	Not used
81	WP (N.C.)	Not used
82	SDA	Data input/output for serial presence detect
83	SCL	Clock input for serial presence detect
84	VDD	+3.3 V
85	VSS	Ground
86	DQ32	SDRAM data [32]
87	DQ33	SDRAM data [33]
88	DQ34	SDRAM data [34]
89	DQ35	SDRAM data [35]
90	VDD	+3.3 V
91	DQ36	SDRAM data [36]
92	DQ37	SDRAM data [37]
93	DQ38	SDRAM data [38]
94	DQ39	SDRAM data [39]
95	DQ40	SDRAM data [40]
96	VSS	Ground
97	DQ41	SDRAM data [41]
98	DQ42	SDRAM data [42]
99	DQ43	SDRAM data [43]
100	DQ44	SDRAM data [44]
101	DQ45	SDRAM data [45]
102	VDD	+3.3 V
103	DQ46	SDRAM data [46]
104	DQ47	SDRAM data [47]
105	CB4 (N.C.)	Not used
106	CB5 (N.C.)	Not used
107	vss	Ground
108	N.C.	Not used
109	N.C.	Not used
110	VDD	+3.3 V
111	*CAS	Column address strobe
112	DQMB4	Byte data mask 4
112	Dambi	Dyto data maon +

Pin No.	Signal Name	Description
113	DQMB5	Byte data mask 5
114	*CS1	Chip select 1
115	*RAS	Row address strobe
116	VSS	Ground
117	A1	SDRAM address [1]
118	A3	SDRAM address [3]
119	A5	SDRAM address [5]
120	A7	SDRAM address [7]
121	A9	SDRAM address [9]
122	BA0	Bank select address 0
123	A11	SDRAM address [11]
124	VDD	+3.3 V
125	CK1	Clock input 1
126	A12	SDRAM address [12]
127	VSS	Ground
128	CKE0	Clock enable 0
129	*CS3	Chip select 3
130	DQMB6	Byte data mask 6
131	DQMB7	Byte data mask 7
132	A13	SDRAM address [13]
133	VDD	+3.3 V
134	N.C.	Not used
135	N.C.	Not used
136	CB6	Not used
137	CB7	Not used
138	vss	Ground
139	DQ48	SDRAM data [48]
140	DQ49	SDRAM data [49]
141	DQ50	SDRAM data [50]
142	DQ51	SDRAM data [51]
143	VDD	+3.3 V
144	DQ52	SDRAM data [52]
145	N.C.	Not used
146	N.C.	Not used
147	REGE (N.C.)	Not used
148	vss	Ground
149	DQ53	SDRAM data [53]
150	DQ54	SDRAM data [54]
151	DQ55	SDRAM data [55]
152	VSS	Ground
153	DQ56	SDRAM data [56]
154	DQ57	SDRAM data [57]
155	DQ58	SDRAM data [58]
156	DQ59	SDRAM data [59]
157	VDD	+3.3 V
158	DQ60	SDRAM data [60]
159	DQ61	SDRAM data [61]
160	DQ62	SDRAM data [62]
161	DQ63	SDRAM data [63]
162	VSS	Ground
163	СКЗ	Clock input 3
164	N.C.	Not used
165	SA0	Address [0] input for EEPROM
166	SA1	Address [1] input for EEPROM
167	SA2	Address [2] input for EEPROM
168	VDD	+3.3 V
100	1100	10.0 ¥

CN2008 [INTERFACE Board]: SCSI Interface Pin No. Signal Name Description GND 1 Ground GND 2 Ground 3 GND Ground GND 4 Ground 5 GND Ground 6 GND Ground 7 GND Ground 8 GND Ground GND 9 Ground 10 GND Ground 11 GND Ground 12 N.C. Not used N.C. Not used 13 14 N.C. Not used GND 15 Ground 16 GND Ground 17 GND Ground 18 **GND** Ground 19 GND Ground 20 **GND** Ground 21 GND Ground GND 22 Ground GND 23 Ground 24 GND Ground 25 GND Ground SCSI data [0] 26 DB (0) 27 DB (1) SCSI data [1] SCSI data [2] 28 DB (2) 29 DB (3) SCSI data [3] 30 DB (4) SCSI data [4] 31 DB (5) SCSI data [5] 32 SCSI data [6] DB (6) 33 DB (7) SCSI data [7] 34 *DBP SCSI data parity GND 35 Ground GND Ground 36 37 N.C. Not used TERM POWER Terminator power 38 N.C. 39 Not used 40 **GND** Ground 41 *ATN SCSI control signal (Attention) 42 **GND** Ground 43 *BSY SCSI control signal (Busy) 44 *ACK SCSI control signal (Acknowledge) 45 *RST SCSI control signal (Reset) *MSG 46 SCSI control signal (Message) 47 *SEL SCSI control signal (Select) SCSI control signal (Control/data) 48 *C/D 49 *REQ SCSI control signal (Request) 50 *I/O SCSI control signal (Input/Output) CN2009 [INTERFACE Board]: USB Interface Pin No. Signal Name Description

USB bus detect signal

USB data -

USB data +

Ground

VBUS

DM

DP

GND

1 2

3

4

CN3002 [CIS (F) RELAY Board] - CIS (F): Only for KV-S3065CW Series Signal Name Pin No. Description CN3002 CIS (F) GND 1 Ground E 0916 Front CIS CH16 output

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2	-	F_0516	Front CIS CH 16 output
3	-	F_OS15	Front CIS CH15 output
4	-	GND	Ground
5	-	F_OS14	Front CIS CH14 output
6	-	F_OS13	Front CIS CH13 output

-	F_OS14	Front CIS CH14 output
-	F_OS13	Front CIS CH13 output
-	GND	Ground
-	F_OS12	Front CIS CH12 output
-	F_OS11	Front CIS CH11 output
-	GND	Ground

	_0012	Tront oro orriz output
-	F_OS11	Front CIS CH11 output
-	GND	Ground
-	F_OS10	Front CIS CH10 output
-	F_OS9	Front CIS CH9 output
-	GND	Ground
_	E OS8	Front CIS CH8 output

	1_0010	i toni olo orrio odipai
-	F_OS9	Front CIS CH9 output
-	GND	Ground
-	F_OS8	Front CIS CH8 output
-	F_OS7	Front CIS CH7 output
-	GND	Ground
-	F OS6	Front CIS CH6 output

F_OS8	Front CIS CH8 output
F_OS7	Front CIS CH7 output
GND	Ground
F_OS6	Front CIS CH6 output
F_OS5	Front CIS CH5 output
GND	Ground

F_OS7	Front CIS CH7 output
GND	Ground
F_OS6	Front CIS CH6 output
F_OS5	Front CIS CH5 output
GND	Ground
F_OS4	Front CIS CH4 output
F_OS3	Front CIS CH3 output

-	F_OS7	Front CIS CH7 output
-	GND	Ground
-	F_OS6	Front CIS CH6 output
-	F_OS5	Front CIS CH5 output
-	GND	Ground

- 22 GND Ground 23 F_OS2 Front CIS CH2 output 24 F_OS1 Front CIS CH1 output 25 GND Ground
- 26 F_ICG Front CIS ICG pulse
- 27 F_ST Front CIS storage pulse
- 28 F_SH Front CIS shift pulse
- 29 GND Ground
- 30 F_CP-Front CIS clamp pulse LVDS (-)
- 31 F CP+ Front CIS clamp pulse LVDS (+)
- Front CIS reset pulse LVDS (-) 32 F RS-
- 33 F RS+
- Front CIS reset pulse LVDS (+)
- Front CIS clock LVDS (-) (5 MHz) 34 F_M-
- 35 F_M+ Front CIS clock LVDS (+) (5 MHz)
- 36 GND Ground
- 37 5VP +5 V

+12V_1

+12V_1

5VP 38 +5 V

+12 V

+12 V

CN3003 [CIS (F) RELAY Board] - CIS (F): Only for KV-S3065CL Series Pin No. Signal Name

+12V_1

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Pin No.		Signal Name	Description
CN3003	CIS (F)		
1	-	GND	Ground
2	-	F_OS12	Front CIS CH12 output
3	-	F_OS11	Front CIS CH11 output
4	-	GND	Ground
5	-	F_OS10	Front CIS CH10 output
6	-	F_OS9	Front CIS CH9 output
7	-	GND	Ground
8	-	F_OS8	Front CIS CH8 output
9	-	F_OS7	Front CIS CH7 output
10	-	GND	Ground
11	-	F_OS6	Front CIS CH6 output
12	-	F_OS5	Front CIS CH5 output
13	-	GND	Ground
14	-	F_OS4	Front CIS CH4 output
15	-	F_OS3	Front CIS CH3 output
16	-	GND	Ground
17	-	F_OS2	Front CIS CH2 output
18	-	F_OS1	Front CIS CH1 output
19	-	GND	Ground
20	-	F_ICG	Front CIS ICG pulse
21	-	F_ST	Front CIS storage pulse
22	-	F_SH	Front CIS shift pulse
23	-	GND	Ground
24	-	F_CP-	Front CIS clamp pulse LVDS (-)
25	-	F_CP+	Front CIS clamp pulse LVDS (+)
26	-	F_RS-	Front CIS reset pulse LVDS (-)
27	-	F_RS+	Front CIS reset pulse LVDS (+)
28	-	F_M-	Front CIS clock LVDS (-) (5 MHz)
29	-	F_M+	Front CIS clock LVDS (+) (5 MHz)
30	-	GND	Ground
31	-	5VP	+5 V
32	-	5VP	+5 V
33	-	+12V_1	+12 V

+12 V

CN3006 [CIS (B) RELAY Board] - CIS (B): Only for KV-S3065CW Series Signal Name Pin No. Description CN3006 CIS (B) **GND** Ground 1 Back CIS CH16 output 2 B OS16 3 B OS15 Back CIS CH15 output 4 **GND** Ground Back CIS CH14 output 5 B OS14 B OS13 Back CIS CH13 output 6 7 **GND** Ground 8 B OS12 Back CIS CH12 output -9 Back CIS CH11 output B OS11 10 GND Ground 11 B OS10 Back CIS CH10 output 12 B OS9 Back CIS CH9 output 13 GND Ground 14 B OS8 Back CIS CH8 output 15 B OS7 Back CIS CH7 output _ 16 **GND** Ground 17 B OS6 Back CIS CH6 output 18 B OS5 Back CIS CH5 output 19 **GND** Ground 20 B OS4 Back CIS CH4 output 21 B OS3 Back CIS CH3 output 22 GND Ground 23 B OS2 Back CIS CH2 output 24 B OS1 Back CIS CH1 output 25 GND Ground 26 B ICG Back CIS ICG pulse 27 B_ST Back CIS storage pulse 28 B_SH Back CIS shift pulse 29 GND Ground В СР-Back CIS clamp pulse LVDS (-) 30 31 B CP+ Back CIS clamp pulse LVDS (+) 32 B RS-Back CIS reset pulse LVDS (-) 33 B RS+ Back CIS reset pulse LVDS (+) 34 В М-Back CIS clock LVDS (-) (5 MHz)

Back CIS clock LVDS (+) (5 MHz)

Ground

+5 V

+5 V

+12 V

+12 V

35

36

37

38 39

40

В М+

GND

5VP

5VP

12V 2

12V 2

CN3007 [CIS (B) RELAY Board] - CIS (B): Only for KV-S3065CL Series Pin No. Signal Name

+12V_2

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Pin No.		Signal Name	Description
CN3007	CIS (B)		
1	-	GND	Ground
2	-	B_OS12	Back CIS CH12 output
3	-	B_OS11	Back CIS CH11 output
4	-	GND	Ground
5	-	B_OS10	Back CIS CH10 output
6	-	B_OS9	Back CIS CH9 output
7	-	GND	Ground
8	-	B_OS8	Back CIS CH8 output
9	-	B_OS7	Back CIS CH7 output
10	-	GND	Ground
11	-	B_OS6	Back CIS CH6 output
12	-	B_OS5	Back CIS CH5 output
13	-	GND	Ground
14	-	B_OS4	Back CIS CH4 output
15	-	B_OS3	Back CIS CH3 output
16	-	GND	Ground
17	-	B_OS2	Back CIS CH2 output
18	-	B_OS1	Back CIS CH1 output
19	-	GND	Ground
20	-	B_ICG	Back CIS ICG pulse
21	-	B_ST	Back CIS storage pulse
22	-	B_SH	Back CIS shift pulse
23	-	GND	Ground
24	-	B_CP-	Back CIS clamp pulse LVDS (-)
25	-	B_CP+	Back CIS clamp pulse LVDS (+)
26	-	B_RS-	Back CIS reset pulse LVDS (-)
27	-	B_RS+	Back CIS reset pulse LVDS (+)
28	-	B_M-	Back CIS clock LVDS (-) (5 MHz)
29	-	B_M+	Back CIS clock LVDS (+) (5 MHz)
30	-	GND	Ground
31	-	5VP	+5 V
32	-	5VP	+5 V
33	-	+12V_2	+12 V

+12 V

CN4001 [DRIVE Board] - CN5033 [POWER RELAY Board] Signal Name Pin No. CN4001 CN5033 *RESET Reset 1 36

GND

R_MVRE

R MCLK

R_CW

R M3

R_{M2}

R M1

GND

C MVRE

C_MCLK

c cw

C ENABLE

R_ENABLE

35

34

33

32

31

30

29

28

27

26

25

24

23

5

4

3

2

1

CN5001

1

2

2

3

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32

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36

CN4005

2

Pin No.

17	20	10_011	Conveyor motor CVV/CCV
15	22	C_M3	Conveyor motor mode [3]
16	21	C_M2	Conveyor motor mode [2]
17	20	C_M1	Conveyor motor mode [1]
18	19	GND	Ground
19	18	F_MVRE	Feed motor current contro
20	17	F_MCLK	Feed motor clock
21	16	F_ENABLE	Feed motor enable
22	15	F_CW	Feed motor CW/CCW
23	14	F_M3	Feed motor mode [3]
24	13	F_M2	Feed motor mode [2]
25	12	F_M1	Feed motor mode [1]
26	11	*SLEEP3	Sleep signal 2
27	10	*SLEEP1	Sleep signal 1
28	9	FANERR	Fan error
29	8	DRV_VER1	DRIVE Board version [1]
30	7	DRV_VER0	DRIVE Board version [0]
31	6	BLAMP_ON	Back lamp switch

N.C.

24V

24VIL

CN4005 [DRIVE Board] - CN5001 [POWER RELAY Board]

DOOR2

DOOR1 12V_OVP2

12V OVP1

Signal Name

Conveyor motor clock Conveyor motor enable Conveyor motor CW/CCW eyor motor mode [3] eyor motor mode [2] eyor motor mode [1]

Description

Description

Ground

Not used

+12 V

+12 V

+24 V

+24 V (Interlock switch)

Conveyor motor current control

Front door switch (H: Door open)

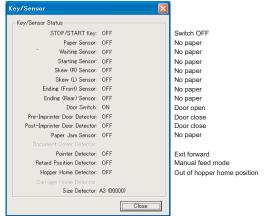
Ground

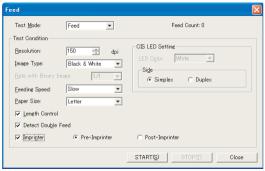
CN4008 [DRIVE Board] - CN5002 [POWER RELAY Board] Pin No. Signal Name Description CN4008 CN5002 **GND** Ground 1 1 2 2 BLAMP_ON5 Back lamp switch *CA 3 3 Conveyor motor phase (A-) 4 4 CCOMA_MB +24 V (interlock switch and Fuse) 5 5 CA Conveyor motor phase (A+) *CB 6 6 Conveyor motor phase (B-) 7 +24 V (interlock switch and Fuse) 7 CCOMA MB СВ 8 8 Conveyor motor phase (B+) 9 9 *FA Feed motor phase (A-) FCOMA MB 10 10 +24 V (interlock switch and Fuse) 11 11 FΑ Feed motor phase (A+) *FB 12 12 Feed motor phase (B-) 13 13 FCOMA MB +24 V (interlock switch and Fuse) 14 14 FB Feed motor phase (B+) CN5003 [POWER RELAY Board] - Front Door Switch Pin No. Signal Name Description **Front Door** CN5003 Switch 24V +24 V 24V +24 V 2 3 24VIL +24 V (Interlock switch) 24VIL 4 +24 V (Interlock switch) CN5004 [POWER RELAY Board] - Lamp Drive (B) Board Pin No. Signal Name Description CN5004 Lamp Drive (B) **Board** 24 V 1 24VIL 2 BLAMP_ON5 Back lamp switch 3 **GND** Ground CN5034 [POWER RELAY Board] - Lamp Drive (F) Board Pin No. Signal Name Description CN5034 Lamp Drive (F) **Board** 24VIL 24 V 1 2 FLAMP_ON5 Front lamp switch 3 GND Ground 4 GND Not used CN5005 [POWER RELAY Board] - Conveyor Motor Pin No. Signal Name Description CN5005 **Conveyor Motor** 1 *CA Conveyor motor phase (A-) 2 ССОМА +24 V (interlock switch and Fuse) 3 CA Conveyor motor phase (A+) *CB Conveyor motor phase (B-) 4 5 ССОМВ +24 V (interlock switch and Fuse) 6 CB Conveyor motor phase (B+)

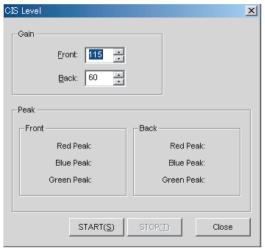
CN5006 [POWER RELAY Board] - Paper Feed Motor Pin No. Signal Name Description CN5006 **Feed Motor** *FA Feed motor phase (A-) 2 **FCOMA** +24 V 3 FΑ Feed motor phase (A+) N.C. 4 Not used *FB 5 Feed motor phase (B-) FCOMB +24 V 6 7 FΒ Feed motor phase (B+) CN5008 [POWER RELAY Board] - CN5013 [POINTER Board] Signal Name Pin No. Description CN5008 CN5013 1 +5VSLP +5 V 1 2 2 JAM JAM sensor 3 3 R ENDING ENDING (REAR) sensor **POINTER** 4 4 Pointer sensor 5 5 **GND** Ground 6 6 **GND** Ground CN5009 [POWER RELAY Board] - CN5014 [POST IMPRINTER DOOR Board] Pin No. Signal Name Description CN5009 CN5014 +5VSLP +5 V 1 1 2 2 +5VSLP +5 V POST_IMPDOOR Post imprinter door detector 3 3 4 **GND** 4 Ground 5 5 GND Ground CN5010 [RELAY (LOWER) Board] - CN5012 [HOPPER HOME Board] Pin No. Signal Name Description CN5010 CN5012 1 5VSLP +5 V 1 2 2 *PAPER Paper sensor 3 3 SIZE5 Size detector 5 4 SIZE4 4 Size detector 4 5 5 SIZE3 Size detector 3 6 6 SIZE2 Size detector 2 7 7 SIZE1 Size detector 1 8 HOPPER HOME 8 Hopper detector 9 9 RETARD_REL Retard release 10 10 **GND** Ground CN5011 [RELAY (LOWER) Board] - Double Feed Detector (R) Pin No. Signal Name Description CN5011 **Double Feed** Detector (R) USOUND_R1 Double feed detector (Receiver1) 2 USOUND R2 Double feed detector (Receiver2)

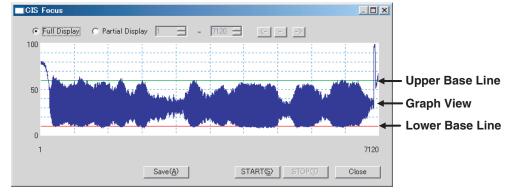
	LITTIOME BOO	rd] - CN5016 [SIZE DET	ECTOR Board		
Pin	No.	Signal Name	Description		
CN5015	CN5016	1			
1	1	5VSLP	+5 V		
2	2	SIZE5	Size detector 5		
3	3	SIZE4	Size detector 4		
4	4	SIZE3	Size detector 3		
5	5	SIZE2	Size detector 2		
6	6	SIZE1	Size detector 1		
7	7	*PAPER	Paper sensor		
8	8	GND	Ground		
		ard] - Paper Sensor			
Pin		Signal Name	Description		
CN5021	Paper Sensor	5) (OL D	+	-	
1	1	5VSLP	+5 V		
2	2	*PAPER	Paper sensor		
3	3	GND	Ground		
4	4	FG	Ground		
CN5017 [POINT		N5019 [PAPER JAM SE			
CN5017	CN5019	Signal Name	Description		
		JAM	JAM sensor	\dashv	
1 2	2	5VSLP	+5 V	\dashv	
		GND		-	
3	3 4		Ground	\dashv	
4	4	GND	Ground		
CN5018 [POINTER Board] - CN5020 [ENDING (REAR) SENSOR Board]					
			- <u>- </u>		
Pin	No.	N5020 [ENDING (REAR Signal Name) SENSOR Board] Description		
Pin CN5018	No. CN5020	Signal Name	Description		
Pin CN5018	No. CN5020	Signal Name	Description Ending rear sensor		
Pin CN5018 1 2	No. CN5020 1 2	Signal Name R_ENDING 5VSLP	Description Ending rear sensor +5 V		
Pin CN5018	No. CN5020	Signal Name	Description Ending rear sensor		
Pin CN5018 1 2 3 CN5023 [RELAY	No. CN5020 1 2 3 Y (UPPER) Boa	Signal Name R_ENDING 5VSLP GND ard] - CN5024 [ENDING	Ending rear sensor +5 V Ground (FRONT) SENSOR Board]		
Pin CN5018 1 2 3	No. CN5020 1 2 3 Y (UPPER) Boa	Signal Name R_ENDING 5VSLP GND	Ending rear sensor +5 V Ground		
Pin CN5018 1 2 3 CN5023 [RELAY	No. CN5020 1 2 3 Y (UPPER) Boa	Signal Name R_ENDING 5VSLP GND ard] - CN5024 [ENDING Signal Name	Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description		
Pin CN5018 1 2 3 CN5023 [RELAY Pin CN5023 1	No. CN5020 1 2 3 Y (UPPER) Boa No. CN5024 1	Signal Name R_ENDING 5VSLP GND ard] - CN5024 [ENDING Signal Name	Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description		
Pin CN5018 1 2 3 CN5023 [RELAY Pin CN5023 1 2	No. CN5020 1 2 3 Y (UPPER) Boa No. CN5024 1 2	Signal Name R_ENDING 5VSLP GND ard] - CN5024 [ENDING Signal Name 5VSLP 5VSLP	Description Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description +5 V +5 V		
Pin CN5018 1 2 3 CN5023 [RELAY Pin CN5023 1 2 3	No. CN5020 1 2 3 Y (UPPER) Boa No. CN5024 1 2 3	Signal Name R_ENDING 5VSLP GND Ard] - CN5024 [ENDING Signal Name 5VSLP 5VSLP F_ENDING	Description Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description +5 V +5 V Ending front sensor		
Pin CN5018 1 2 3 CN5023 [RELAY Pin CN5023 1 2 3 4	No. CN5020 1 2 3 Y (UPPER) Boa No. CN5024 1 2 3 4	Signal Name R_ENDING 5VSLP GND ard] - CN5024 [ENDING Signal Name 5VSLP 5VSLP F_ENDING GND	Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description +5 V +5 V Ending front sensor Ground		
Pin CN5018 1 2 3 CN5023 [RELAY Pin CN5023 1 2 3	No. CN5020 1 2 3 Y (UPPER) Boa No. CN5024 1 2 3	Signal Name R_ENDING 5VSLP GND Ard] - CN5024 [ENDING Signal Name 5VSLP 5VSLP F_ENDING	Description Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description +5 V +5 V Ending front sensor		
Pin CN5018 1 2 3 CN5023 [RELAY Pin CN5023 1 2 3 4 5	No. CN5020 1 2 3 Y (UPPER) Boa No. CN5024 1 2 3 4 5	Signal Name R_ENDING 5VSLP GND ard] - CN5024 [ENDING Signal Name 5VSLP 5VSLP F_ENDING GND GND GND GND GND GND GND	Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description +5 V +5 V Ending front sensor Ground Ground SENSOR Board]		
Pin CN5018 1 2 3 CN5023 [RELAY Pin CN5023 1 2 3 4 5 CN5025 [RELAY	No. CN5020 1 2 3 Y (UPPER) Boa No. CN5024 1 2 3 4 5	Signal Name R_ENDING 5VSLP GND Ard] - CN5024 [ENDING Signal Name 5VSLP 5VSLP 5VSLP F_ENDING GND GND	Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description +5 V +5 V Ending front sensor Ground Ground		
Pin CN5018 1 2 3 CN5023 [RELAY Pin CN5023 1 2 3 4 5 CN5025 [RELAY	No. CN5020 1 2 3 Y (UPPER) Boa No. CN5024 1 2 3 4 5 Y (UPPER) Boa	Signal Name R_ENDING 5VSLP GND ard] - CN5024 [ENDING Signal Name 5VSLP 5VSLP F_ENDING GND GND GND GND GND GND GND	Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description +5 V +5 V Ending front sensor Ground Ground SENSOR Board]		
Pin CN5018 1 2 3 CN5023 [RELAY Pin CN5023 1 2 3 4 5 CN5025 [RELAY Pin	No. CN5020 1 2 3 Y (UPPER) Boa No. CN5024 1 2 3 4 5 Y (UPPER) Boa No.	Signal Name R_ENDING 5VSLP GND ard] - CN5024 [ENDING Signal Name 5VSLP 5VSLP F_ENDING GND GND GND GND GND GND GND	Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description +5 V +5 V Ending front sensor Ground Ground SENSOR Board]		
Pin CN5018 1 2 3 CN5023 [RELA' Pin CN5025 [RELA' Pin CN5025	No. CN5020 1 2 3 Y (UPPER) Boa No. CN5024 1 2 3 4 5 Y (UPPER) Boa No. CN5027	Signal Name R_ENDING 5VSLP GND Ard] - CN5024 [ENDING Signal Name 5VSLP 5VSLP F_ENDING GND GND Ard] - CN5027 [WAITING Signal Name	Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description +5 V +5 V Ending front sensor Ground Ground Ground SENSOR Board] Description		
Pin CN5018 1 2 3 CN5023 [RELA' Pin CN5023 1 2 3 4 5 CN5025 [RELA' Pin CN5025 1	No. CN5020 1 2 3 Y (UPPER) Boa No. CN5024 1 2 3 4 5 Y (UPPER) Boa No. CN5027 1	R_ENDING 5VSLP GND Ard] - CN5024 [ENDING Signal Name 5VSLP 5VSLP F_ENDING GND GND Ard] - CN5027 [WAITING Signal Name	Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description +5 V +5 V Ending front sensor Ground Ground Ground SENSOR Board] Description +5 V		
Pin CN5018 1 2 3 CN5023 [RELA' Pin CN5023 1 2 3 4 5 CN5025 [RELA' Pin CN5025 1 2	No. CN5020 1 2 3 Y (UPPER) Boa No. CN5024 1 2 3 4 5 Y (UPPER) Boa No. CN5027 1 2	Signal Name R_ENDING 5VSLP GND ard] - CN5024 [ENDING Signal Name 5VSLP 5VSLP F_ENDING GND GND GND GND Signal Name 5VSLP SKEW_R	Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description +5 V +5 V Ending front sensor Ground Ground SENSOR Board] Description +5 V Skew right sensor		
Pin CN5018 1 2 3 CN5023 [RELA' Pin CN5023 1 2 3 4 5 CN5025 [RELA' Pin CN5025 1 2 3 3 4 5	No. CN5020 1 2 3 Y (UPPER) Boa No. CN5024 1 2 3 4 5 Y (UPPER) Boa No. CN5027 1 2 3	Signal Name R_ENDING 5VSLP GND ard] - CN5024 [ENDING Signal Name 5VSLP 5VSLP F_ENDING GND GND GND Signal Name 5VSLP SKEW_R WAITING	Ending rear sensor +5 V Ground (FRONT) SENSOR Board] Description +5 V +5 V Ending front sensor Ground Ground SENSOR Board] Description +5 V Skew right sensor Waiting sensor		

CN5026 [RELAY (UPPER) Board] - CN5028 [STARTING SENSOR Board] Pin No. Signal Name Description CN5026 CN5028 +5 V 5VSLP 2 STARTING Starting sensor 3 3 **GND** Ground 4 GND Ground CN5029 [WAITING SENSOR Board] - CN5030 [SKEW (R) Board] Pin No. Signal Name Description CN5029 CN5030 +5 V 5VSLP SKEW_R Skew right sensor 3 3 GND Ground CN5031 [RELAY (UPPER) Board] - Double Feed Detector (G) Pin No. **Signal Name** Description CN5031 **Double Feed** Detector (G) 1 USOUND G1 Double feed detector (Generator 1) 2 USOUND G2 Double feed detector (Generator 2) CN801 [POWER Board] - Inlet Pin No. Signal Name Description CN801 Inlet Live 1 2 N.C. Not used N 3 Neutral CN802 [POWER Board] - CN4003 [DRIVE Board] Pin No. Signal Name Description CN802 CN4003 OVP+ Over voltage protect 1 P_FANERR (N.C.) 2 2 Not used 3 3 **GND** Ground **GND** 4 4 Ground 5 5 **GND** Ground 6 +24 V 6 +24VPWR 7 7 +24VPWR +24 V 8 +24 V 8 +24VPWR *SLEEP_PWR 9 9 Sleep power (L: Sleep mode) 10 10 OVP-Ground CN803 [POWER Board] - FAN Pin No. Signal Name Description CN803 FAN FAN+ Fan plus power (+24 V) 2 P_FANERR (N.C.) Not used 3 FAN-Fan minus power

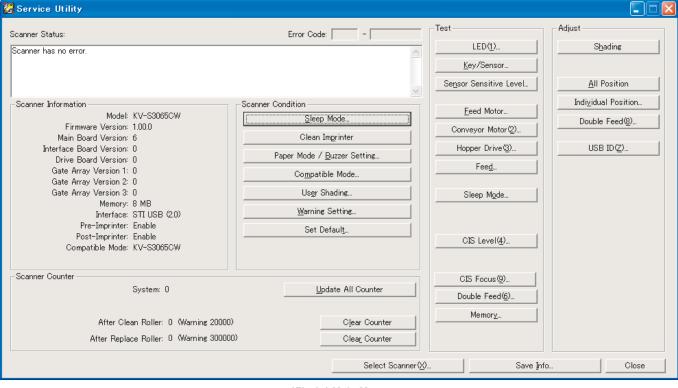








Adjust the waveform so that amplitude on both sides is over the Upper Base (Green) and Lower Base lines (Red), keeping balance on both sides.



*Fig.9.1 Main Menu

*Note:

- This is a main menu sample (Fig. 9.1) of the Service Utility software (Version 3.10).
- This software is the latest version at the time when this service manual is issued, but it is subject to change without notice.

